

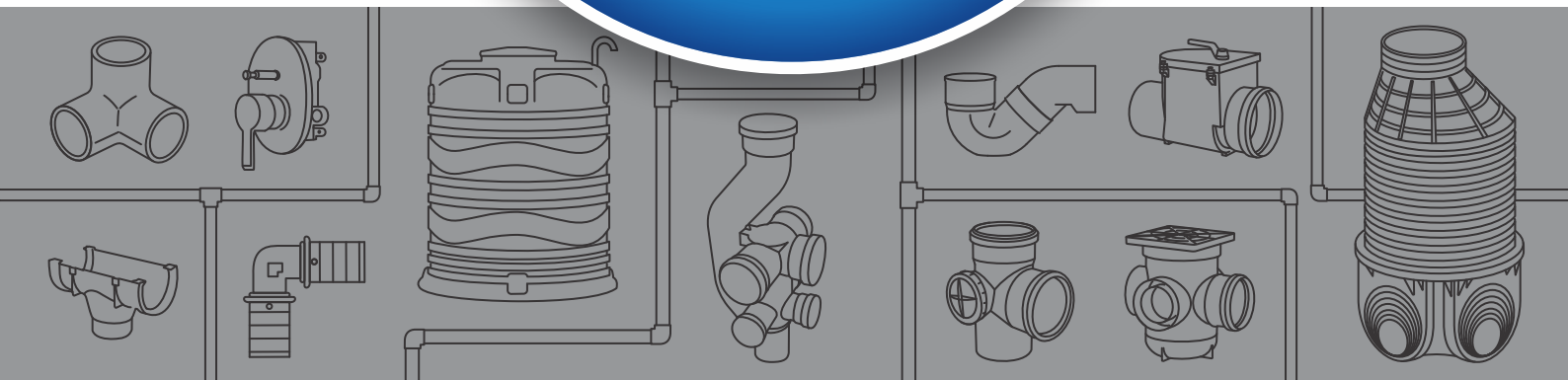
Since 1942

**Supreme**<sup>®</sup>  
People who know plastics best

**Total Piping Solution**



• Water Management • Plumbing  
• Drainage • Sewerage



Product Catalogue

**Plastics Piping Systems**

*Jeevan bhar ka saath...*

Since 1942

**Supreme**<sup>®</sup>

People who know plastics best

**Total Piping Solution**



॥ यत्नं  
कुर्यादनुत्तमम् ॥  
Striving for matchless efforts

OVER  
**13500** PLASTIC PIPING  
PRODUCTS  
TO CATER TO ALL YOUR PIPING NEEDS

**TREND SETTER** in plastic piping

**PIONEER** in introducing many path breaking products

Leadership in **INNOVATION** and **TECHNOLOGY**

Un-compromised **QUALITY** standards

**SOLUTION PROVIDER** in 36 piping application segments

**CUSTOMER CENTRIC** approach

Winner of **TOP EXPORTER** award consecutively for many years

**DELIVERING VALUES** through 13 advance pipe manufacturing facilities

First of its kind **4 KNOWLEDGE CENTRES**  
and different initiatives to impart training and up-skilling



Since 1942

# Supreme<sup>®</sup>

People who know plastics best

## Total Piping Solution



### ENDEAVOURING TO EXCEL, TO THE POINT OF SURPASSING ITSELF AND OTHERS

This is the spirit and the driving force at Supreme...

where it finds dynamic expression in various ways.

From playing the pioneer to setting standards in the industry.

From innovating new products to improving existing ones.

From handling the largest volumes to offering the largest range.

From producing raw materials to manufacturing finished products.

From doing business with the world to being present in markets countrywide.

From harnessing the best global technologies to following best quality practices.

From protecting the environment to caring for society.

From being the leader to being matchless.

### OUR COMMITMENT TO BUSINESS IS TOTAL

We seek to create and add value, in every possible way.

Value that changes and raises the quality of life for every user of our products.

In this, we are driven by the relentless quest of seeking and finding newer ways  
to continuously improve everything we do.

And to achieve all this, our efforts are matchless.

**M.P. Talaria**  
Managing Director  
The Supreme Industries Ltd.

## Strong Credentials

Water is life, without which human existence can not be imagined. Around the world, civilizations have thrived and flourished chiefly around water.

The ever increasing demand for water on account of population increase, upward surge in industrial activity and depleting resources have posed a big challenge to the subject of water management.

This calls for a scientific approach in dealing with collection, storage and transportation of water to mitigate the scarcity of water. Thus, one of the crucial elements of water management is transportation of water through a piping system. Due to varied nature of resources, geographies and end use, the piping requirements greatly differ from place to place. These led to the evolution of many types of piping systems over the centuries involving different materials, different manufacturing technologies etc. to meet the societal demands of water.

In India, plastic piping systems have already gained a wide acceptance over so called conventional pipe materials like clay, metal, cement etc. New fields have now been opened up in areas like hot and cold water supply, soil and waste disposal, drainage and sewerage, cooling and heating systems, rainwater harvesting etc. This is mainly due to the distinct advantages offered by the plastic piping systems such as their high corrosion resistance, less frictional losses, light weight, ease in handling, simple jointing, minimal maintenance, and long life besides economy thus making it an obvious and preferred choice over the others.

### **Plastic Piping Division:**

The Supreme Industries Ltd, in last more than five decades, has not only been in the forefront but a pioneer in developing many innovative plastic piping products. It is credited with innovation of several path breaking products and has been a torch bearer in transition from conventional to advanced plastic piping products in the country. Its customer centric and futuristic approach fuels its research and innovation initiatives.

This journey from leadership to carving a niche in the piping industry has been possible only due to its sustained efforts in responding to the needs of its clients; be it a farmer or a house owner or industry owner or infra project developer. The Company, through its continuous R&D has been providing unique and cost effective solutions relentlessly. Each of its products is designed to match the specific needs of a specific application to ultimately meet the aspirations of the end users.

To cater to the strong market demands, Supreme has

established a mega project at Gadegaon - just 18 kms away from Jalgaon. The entire set-up is certified with Integrated Management System - IMS (ISO 9001:2015 Quality Management System, ISO:14001 Environmental Management System, ISO:45001 Occupational Health and Safety management, and ISO:50001 Energy Management System). This state of the art project is the first of its kind in the country in terms of size, technology and product range.

Be it the requirement of above-the ground or underground applications, the Supreme is the one-stop shop for everything in plastic piping products. The current product portfolio of Supreme comprises of almost every application of pipes and fittings with over 12,000 diverse products manufactured as per various national and international standards. Supreme products have gained confidence of customers from more than 28 countries across the globe including quality conscious markets like UK, Germany, Cyprus, Australia, New Zealand and many GCC, SAARC and African countries which stands as a testimony to its philosophy of ultimate customer delight. Supreme has been consistently bagging national awards for its outstanding export performance.

### **Innovation: A key to Success**

Product innovation and continuous up-gradation of quality has been our consistent endeavor. Different plumbing systems for hot and cold water, underground drainage system with readymade inspection chambers and manholes, hi-tech low noise SWR drainage system, readymade septic tanks and underground water tanks are some of the path-breaking products pioneered by the company; improving the lives of people in domestic and overseas market.

### **Meeting the Highest Quality Standard:**

The Supreme has gained leadership by supplying excellent quality products at affordable prices backed by assured services. This was possible only through continuous quality improvement programs undertaken at various stages of manufacturing.

The training and skill up-gradation of employees is of paramount importance in developing human assets of the company. It involves appropriate recruitment policy, training, motivation for which management is fully committed.

The procurement of right materials, deployment of cutting edge technology in manufacturing process, technology absorption, quality assurance, efficient logistics for distribution and customer service have always been the focus areas at Supreme.

## Accreditations and Recognitions



ISO:9001  
 Quality Management System



ISO:14001  
 Environment Management System



ISO:45001  
 Occupational Health & Safety Management System



ISO:50001  
 Energy Management System



BIS 15450:2022  
 for Supreme e-lite



Fraunhofer Germany for  
 Acoustic Performance



WRAS-UK Product Quality  
 Certification



NSF-USA Product Quality Certification



No.1 Exporter of India



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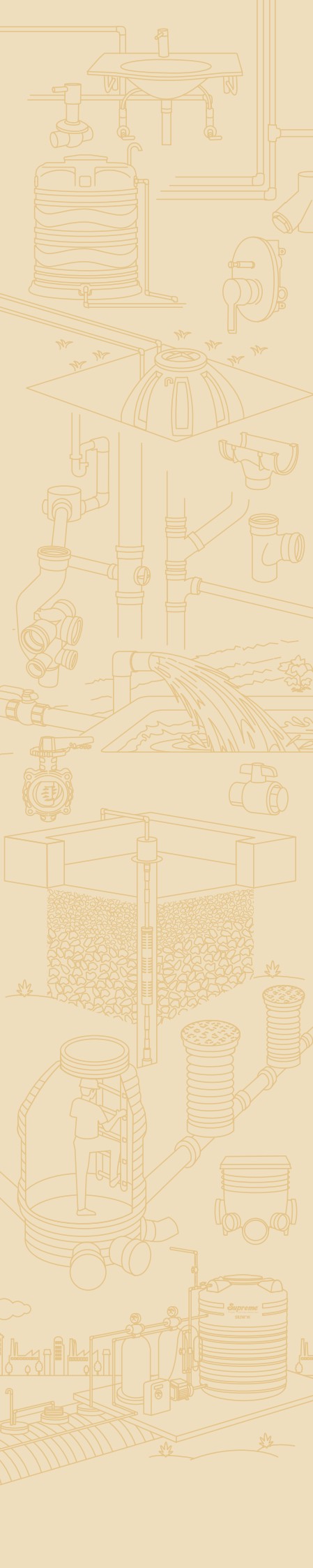
### Waste Treatment and Sanitation

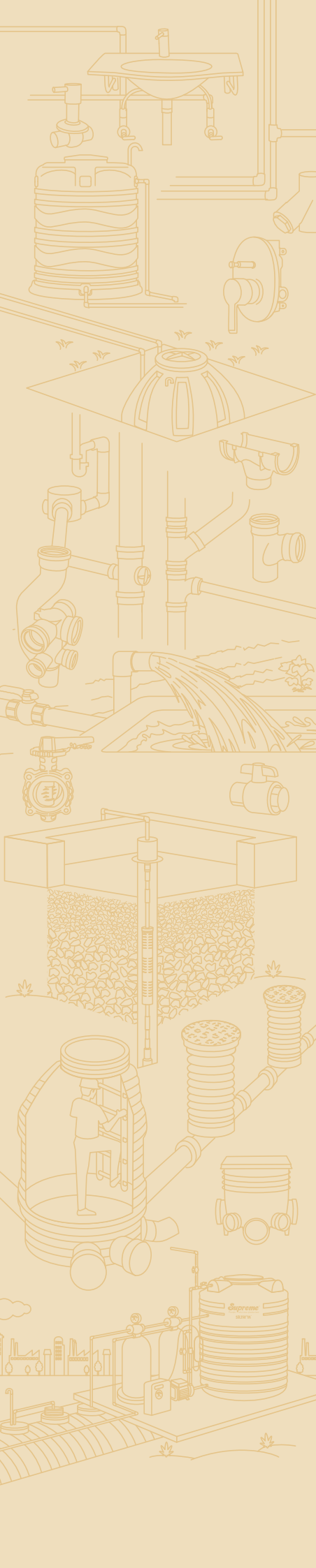
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## THE SYSTEM

Supreme “lead free” aqua Gold<sup>®</sup> high pressure uPVC solvent weld plumbing system is an economical solution for transportation and distribution of potable water and many other applications. This hygienic and cost effective system is not only technically superior to conventional GI piping systems but offers many additional advantages over them. This system is very easy to install and functionally the most suitable for variety of plumbing application.

### Type of raw material

The rigid PVC (Polyvinyl Chloride) compound used in the manufacture of pipes and fittings is Type 1, i.e., Grade 1 PVC 1120 as identified in ASTM D-1784. The compound contains specified amounts of pigment, stabilizers and other additives to facilitate extrusion.

### Product specifications

The system is manufactured as per ASTM (American Society for Testing of Materials) standards. The pipes are made as per ASTM D-1785 and fittings are made as per ASTM D-2466 (for SCH 40 fittings) and ASTM D-2467 (for SCH 80 fittings). The pipes are supplied without socket, i.e., in plain in 3m length, in SCH 40 and SCH 80 pressure class. The complete fitting range is available in SCH 80, whereas most running fittings are also available in SCH 40. The pipes and fitting are available in 15 to 200mm dia (½" to 8") in SCH 80. In addition to this, 15 to 100mm (½" to 4") sizes are available in SCH 40. The aqua Gold<sup>®</sup> fittings can be classified into four categories.

1. Solvent weld socketed fittings
2. Threaded fittings with plastic threads
3. Threaded fittings with brass inserts, and
4. Flange joints

### Fields of application

This system is designed for normal water application and is an ideal solution for potable water distribution, plumbing and water supply in residential and industrial buildings. It can be used for uptake lines, down take lines and loops on the terraces, concealed pipe work, water distribution mains, industrial process lines, sugar, paper, distillery industry and transportation of corrosive fluids.

## FEATURES AND BENEFITS

**Strong, resilient and long lasting** - This system is highly resilient, tough and durable with high tensile and impact strength. It is also free from weaknesses caused due to rusting, weathering and chemical action which helps it last considerably longer than GI pipe system.

**Mechanical properties** - uPVC pipes are relatively more flexible than conventional pipe system. They have adequate tensile strength and even burst strength to withstand the operating pressures encountered in most service conditions within the specified range of temperature for the system. External shocks or impacts that could cause a failure in more rigid materials, can be absorbed by the system.

**Excellent chemical and corrosion resistant properties** - This material is free from corrosion and has an excellent resistance against many chemicals like strong mineral acids, alkalis, salts as well as to a large number of organic solvents.

**Light weight** - Being light in weight (1/6<sup>th</sup> the weight of metal piping), these pipes are easy to handle, transport and install.

**Simple and leak proof joints** - Jointing can be done speedily with the special solvent cement manufactured and supplied by the company which ensures 100% leak proof joints.

**Most suitable for carrying potable water** - Being non metallic and made from some special compounds, this system is free from corrosion, chemical reactivity and biological effects and hence most suitable for potable water transportation.

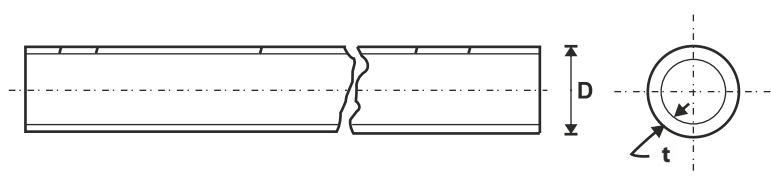
**Optimum flow rates** - A mirror-smooth surface with C-value 150 ensures high flow rate and low frictional losses.

**Piping system integrity** - Supreme aqua Gold<sup>®</sup> offers a vast range of pipe and fittings which makes the system complete in all respect.

**Maintenance free** - Being free from all the demerits of conventional systems like rusting, pitting, scaling, galvanic or electrolytic corrosion, the Supreme aqua Gold<sup>®</sup> system can rightly boast of being maintenance free.

**Overall economy** - Maintenance free, long life of a product which is light, can be cut, jointed and installed with little effort saves a huge amount of money over its life time.





## PIPES

Dimensions and water pressure rating at 23°C for unthreaded pipes as per ASTM D-1785 (PVC compound grade equivalent to PVC 1120/2120)

Nominal size		Outside diameter (D) in mm	Schedule 40				Schedule 80			
			EX.FAC		Working pressure		EX.FAC		Working pressure	
mm	inch		3 Mtr	6 Mtr	kgf/cm <sup>2</sup>	psi	3 Mtr	6 Mtr	kgf/cm <sup>2</sup>	psi
15	½	21.34 ± 0.10	200.00	394.00	41.4	600	244.00	487.00	58.6	850
20	¾	26.67 ± 0.10	257.00	517.00	33.1	480	332.00	666.00	47.6	690
25	1	33.40 ± 0.13	394.00	791.00	31.0	450	486.00	968.00	43.4	630
32	1¼	42.16 ± 0.13	520.00	1036.00	25.5	370	674.00	1349.00	35.9	520
40	1½	48.26 ± 0.15	622.00	1241.00	22.8	330	826.00	1654.00	32.4	470
50	2	60.32 ± 0.15	833.00	1664.00	19.3	280	1125.00	2249.00	27.6	400
65	2½	73.02 ± 0.18	1407.00	2708.00	20.7	300	1799.00	3461.00	29.0	420
80	3	88.90 ± 0.20	1766.00	3533.00	17.9	260	2306.00	4613.00	25.5	370
100	4	114.30 ± 0.23	2513.00	5028.00	15.2	220	3491.00	6979.00	22.1	320
125	5	141.30 ± 0.25	-	-	13.1	190	-	-	20.0	290
150	6	168.28 ± 0.28	4349.00	8695.00	12.4	180	6473.00	12944.00	19.3	280
200	8	219.08 ± 0.38	6828.00	13658.00	11.0	160	9721.00	19440.00	17.2	250
*250	10	273.05 ± 0.38	9334.00	-	9.8	140	14959.00	-	16.1	230

## FITTINGS

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC	
MP1G4CPL007E	65	2½	40	16	66.30	
MP1G4CPL008E	80	3	40	10	96.50	
MP1G4CPL009E	100	4	40	14	154.80	
MP1G4CPL001E	15	½	40	250	6.40	
MP1G4CPL002E	20	¾	40	300	8.10	
MP1G4CPL003E	25	1	40	200	13.90	
MP1G4CPL004E	32	1¼	40	100	19.20	
MP1G4CPL005E	40	1½	40	75	26.30	
MP1G4CPL006E	50	2	40	50	37.50	
MP1G8CPL001E	15	½	80	400	8.00	
MP1G8CPL002E	20	¾	80	300	11.30	
MP1G8CPL003E	25	1	80	200	18.20	
MP1G8CPL004E	32	1¼	80	110	24.80	
MP1G8CPL005E	40	1½	80	70	33.30	
MP1G8CPL006E	50	2	80	50	51.20	
MP1G8CPL007E	65	2½	80	15	85.10	
MP1G8CPL008E	80	3	80	10	130.90	
MP1G8CPL009E	100	4	80	10	215.60	
MP1G8CPL010E	150	6	80	3	618.80	
MP1G8CPL011E	200	8	80	3	1260.80	
MP1G4ELB007E	65	2½	40	8	114.70	
MP1G4ELB008E	80	3	40	12	174.80	
MP1G4ELB009E	100	4	40	5	304.10	
MP1G4ELB001E	15	½	40	200	7.80	
MP1G4ELB002E	20	¾	40	250	11.20	
MP1G4ELB003E	25	1	40	120	18.80	
MP1G4ELB004E	32	1¼	40	80	26.70	
MP1G4ELB005E	40	1½	40	60	36.60	
MP1G4ELB006E	50	2	40	36	62.30	
MP1G8ELB001E	15	½	80	300	11.60	
MP1G8ELB002E	20	¾	80	220	15.60	
MP1G8ELB003E	25	1	80	120	25.60	
MP1GS8TC32X3E	25x32 (IPSEXMM)	1X32MM	80	75	22.80	

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC		
MP1G8ELB004E	32	1¼	80	70	40.20		
MP1G8ELB005E	40	1½	80	50	55.10		
MP1G8ELB006E	50	2	80	30	93.70		
MP1G8ELB007E	65	2½	80	8	133.20		
MP1G8ELB008E	80	3	80	11	229.70		
MP1G8ELB009E	100	4	80	5	419.60		
MP1G8ELB005E	150	6	80	2	1122.70		
MP1G8ELB00EE	200	8	80	1	3480.50		
MP1G8REL2X1E	20x15	¾x½	80	100	19.70		
MP1G8REL3X1E	25x15	1x½	80	80	20.20		
MP1G8REL3X2E	25x20	1x¾	80	60	24.80		
MP1G8REL4X1E	32x15	1¼x½	80	120	29.60		
MP1G8REL4X3E	32x25	1¼x1	80	100	41.30		
MP1G8REL5X3E	40x25	1½x1	80	80	49.10		
MP1G8REL6X5E	50x40	2x1½	80	40	80.00		
MP1G4BDF010E (HUB)	150	6	40	9	425.50		
MP1G8BDF001E	15	½	80	150	9.40		
MP1G8BDF002E	20	¾	80	90	13.60		
MP1G8BDF003E	25	1	80	60	21.50		
MP1G8BDF004E	32	1¼	80	40	32.60		
MP1G8BDF005E	40	1½	80	25	43.00		
MP1G8BDF006E	50	2	80	16	63.30		
MP1G8BDF007E	65	2½	80	10	128.50		
MP1G8BDF008E	80	3	80	6	198.10		
MP1G8BDF009E	100	4	80	6	326.30		
	150	6	80	6	0.00		
MP1G4TEE007E	65	2½	40	5	163.60		
MP1G4TEE008E	80	3	40	8	234.50		
MP1G4TEE009E	100	4	40	4	401.90		
MP1G4TEE001E	15	½	40	120	11.30		
MP1G4TEE002E	20	¾	40	150	16.70		
MP1G4TEE003E	25	1	40	100	26.70		
MP1G4TEE004E	32	1¼	40	60	42.00		

1 Mpa = 10 Kgf/cm<sup>2</sup>, 1 Kgf/cm<sup>2</sup> = 14.20 psi. Pipes and fittings are offered in off white (OW) colour. F - Fabricated, SCH - Schedule (Pressure class). \*Marked product will be shortly introduced

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
MP1G4TEE005E	40	1½	40	40	49.10
MP1G4TEE006E	50	2	40	20	75.10
MP1G8TEE001E	15	½	80	220	13.50
MP1G8TEE002E	20	¾	80	120	22.10
MP1G8TEE003E	25	1	80	80	33.80
MP1G8TEE004E	32	1¼	80	50	50.60
MP1G8TEE005E	40	1½	80	30	82.40
MP1G8TEE006E	50	2	80	20	103.60
MP1G8TEE007E	65	2½	80	5	195.10
MP1G8TEE008E	80	3	80	9	282.10
MP1G8TEE009E	100	4	80	3	597.70
MP1G8TEE005E	150	6	80	2	1508.30
MP1G8TEE00EE	200	8	80	1	4462.80



Equal Tee

MP1G8CRT001E	15	½	80	80	15.60
MP1G8CRT002E	20	¾	80	45	24.80
MP1G8CRT003E	25	1	80	30	37.60
MP1G8CRT004E	32	1¼	80	40	68.30



Cross Tee

MP1G8RET2X1E	20x15	¾x½	80	70	19.70
MP1G8RET3X1E	25x15	1x½	80	120	27.50
MP1G8RET3X2E	25x20	1x¾	80	40	32.30
MP1G8RET4X1E	32x15	1¼x½	80	35	36.10
MP1G8RET4X2E	32x20	1¼x¾	80	30	42.20
MP1G8RET4X3E	32x25	1¼x1	80	28	43.10
MP1G8RET5X1E	40x15	1½x½	80	25	47.90
MP1G8RET5X2E	40x20	1½x¾	80	20	53.90
MP1G8RET5X3E	40x25	1½x1	80	20	55.60
MP1G8RET5X4E	40x32	1½x1¼	80	16	65.90
MP1G8RET6X1E	50x15	2x½	80	12	93.80
MP1G8RET6X2E	50x20	2x¾	80	12	93.80
MP1G8RET6X3E	50x25	2x1	80	12	89.90
MP1G8RET6X4E	50x32	2x1¼	80	12	97.40
MP1G8RET6X5E	50x40	2x1½	80	12	95.00
MP1G8RET7X2E	65x20	2½x¾	80	6	195.80
MP1G8RET7X3E	65x25	2½x1	80	7	188.70
MP1G8RET7X4E	65x32	2½x1¼	80	8	194.60
MP1G8RET7X5E	65x40	2½x1½	80	6	236.70
MP1G8RET7X6E	65x50	2½x2	80	6	223.90
MP1G8RET8X2E	80x20	3x¾	80	5	290.60
MP1G8RET8X3E	80x25	3x1	80	10	298.90
MP1G8RET8X5E	80x40	3x1½	80	10	316.40
MP1G8RET8X6E	80x50	3x2	80	10	371.30
MP1G8RET8X7E	80x65	3x2½	80	9	317.20
MP1G8RET9X2E	100x20	4x¾	80	4	512.20
MP1G8RET9X3E	100x25	4x1	80	6	351.60
MP1G8RET9X4E	100x32	4x1¼	80	6	446.60
MP1G8RET9X5E	100x40	4x1½	80	6	438.30
MP1G8RET9X6E	100x50	4x2	80	6	421.90
MP1G8RET9X8E	100x80	4x3	80	5	407.30
MP1G8RETSX7E	150x65	6x2½	80	2	1236.40
MP1G8RETSX8E	150x80	6x3	80	2	1228.10
MP1G8RETSX9E	150x100	6x4	80	2	1382.90



Reducing Tee

FPG8RET025EW	80x32 (F)	3x1¼	80	20	388.90
FPG8RET011EW	100x65 (F)	4x2½	80	10	703.10
FPG8RET040EW	200x150 (F)	8x6	80	1	4617.20



Reducing Tee (F)

MP1G4RB10X9E	150x100	6x4	40	16	296.60
MP1G8REB2X1E	20x15	¾x½	80	400	3.80
MP1G8REB3X1E	25x15	1x½	80	225	8.50
MP1G8REB3X2E	25x20	1x¾	80	225	6.20
MP1G8REB4X1E	32x15	1¼x½	80	120	16.40
MP1G8REB4X2E	32x20	1¼x¾	80	140	15.00
MP1G8REB4X3E	32x25	1¼x1	80	100	11.20
MP1G8REB5X1E	40x15	1½x½	80	80	20.10
MP1G8REB5X2E	40x20	1½x¾	80	80	20.30
MP1G8REB5X3E	40x25	1½x1	80	80	20.10
MP1G8REB5X4E	40x32	1½x1¼	80	40	10.40
MP1G8REB6X1E	50x15	2x½	80	24	31.10



Reducing Bush

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
MP1G8REB6X2E	50x20	2x¾	80	50	32.90
MP1G8REB6X3E	50x25	2x1	80	50	35.20
MP1G8REB6X4E	50x32	2x1¼	80	50	31.20
MP1G8REB6X5E	50x40	2x1½	80	50	24.00
MP1G8REB7X3E	65x25	2½x1	80	25	60.40
MP1G8REB7X4E	65x32	2½x1¼	80	12	57.20
MP1G8REB7X5E	65x40	2½x1½	80	12	57.20
MP1G8REB7X6E	65x50	2½x2	80	30	34.20
MP1G8REB8X5E	80x40	3x1½	80	10	94.40
MP1G8REB8X6E	80x50	3x2	80	24	70.90
MP1G8REB8X7E	80x65	3x2½	80	10	83.90
MP1G8REB9X6E	100x50	4x2	80	12	136.00
MP1G8REB9X7E	100x65	4x2½	80	12	148.90
MP1G8REB9X8E	100x80	4x3	80	12	138.30
MP1G8REBEXSE	200x150	8x6	80	4	819.80



Reducing Bush

MP1GETRB2X1D	20x15	¾x½	80	1200	5.20
MP1GETRB3X1D	25x15	1x½	80	600	10.40
MP1GETRB3X2D	25x20	1x¾	80	600	6.50



Reducing Threaded Bush

MP1G8RED2X1E	20x15	¾x½	80	100	10.20
MP1G8RED3X1E	25x15	1x½	80	100	14.90
MP1G8RED3X2E	25x20	1x¾	80	90	15.30
MP1G8RED4X2E	32x20	1¼x¾	80	60	29.50
MP1G8RED4X3E	32x25	1¼x1	80	50	23.10
MP1G8RED5X3E	40x25	1½x1	80	60	32.50
MP1G8RED5X4E	40x32	1½x1¼	80	40	31.10
MP1G8RED6X3E	50x25	2x1	80	30	46.90
MP1G8RED6X4E	50x32	2x1¼	80	25	51.60
MP1G8RED6X5E	50x40	2x1½	80	25	51.50
MP1G8RED7X2E	65x20	2½x¾	80	20	88.00
MP1G8RED7X4E	65x32	2½x1¼	80	20	102.10
MP1G8RED7X6E	65x50	2½x2	80	15	103.60
MP1G8RED8X6E	80x50	3x2	80	16	128.90
MP1G8RED8X7E	80x65	3x2½	80	10	148.20
MP1G8RED9X6E	100x50	4x2	80	6	238.50
MP1G8RED9X8E	100x80	4x3	80	12	270.80
MP1G8REDEXSE	200x150	8x6	80	2	1753.10



Reducer

FPG8RED026EW	32x15	1¼x½	80	125	29.50
FPG8RED028EW	40x15	1½x½	80	100	43.40
FPG8RED029EW	40x20	1½x¾	80	100	43.40
FPG8RED031EW	50x15	2x½	80	60	70.40
FPG8RED030EW	50x20	2x¾	80	60	70.40
FPG8RED024EW	50x25	2x1	80		70.40
FPG8RED009EW	65x40	2½x1½	80	25	123.80
FPG8RED011EW	100x65	4x2½	80	30	309.40
FPG8RED013EW	150x100	6x4	80	10	791.10



Reducer (F)

MP1G8ECP001E	15	½	80	350	5.60
MP1G8ECP002E	20	¾	80	240	7.80
MP1G8ECP003E	25	1	80	120	13.20
MP1G8ECP004E	32	1¼	80	75	15.40
MP1G8ECP005E	40	1½	80	60	23.00
MP1G8ECP006E	50	2	80	40	35.90
MP1G8ECP007E	65	2½	80	20	62.90
MP1G8ECP008E	80	3	80	16	89.60
MP1G8ECP009E	100	4	80	8	157.80
MP1G8ECP010E	150	6	80	5	489.80
	200 (F)	8	80	L	-















End Cap (Plain)

MP1G8ECT001E	15	½	80	1000	5.30
MP1G8ECT002E	20	¾	80	600	8.50
MP1G8ECT003E	25	1	80	400	13.70
MP1G8ECT004E	32	1¼	80	225	17.60
MP1G8ECT005E	40	1½	80	150	22.60
MP1G8ECT006E	50	2	80	100	37.40























End Cap (Threaded)

1 Mpa = 10 Kg/cm<sup>2</sup>, 1 Kg/cm<sup>2</sup> = 14.20 psi. Pipes and fittings are offered in off white (OW) colour. F - Fabricated, SCH - Schedule (Pressure class). \*Marked product will be shortly introduced

















Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC		Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC			
NP1G4UNI001E	15	½	40	140	19.10	 <b>Union</b>	MP1G8FTA001E	15	½	80	550	7.00	 <b>Female Threaded Adapter (Plastic)</b>		
NP1G4UNI002E	20	¾	40	100	26.60		MP1G8FTA002E	20	¾	80	140	9.40			
NP1G4UNI003E	25	1	40	60	49.50		MP1G8FTA003E	25	1	80	100	16.50			
NP1G4UNI004E	32	1¼	40	35	52.40		MP1G8FTA004E	32	1¼	80	60	23.50			
NP1G4UNI005E	40	1½	40	25	70.10		MP1G8FTA005E	40	1½	80	45	29.30			
NP1G4UNI006E	50	2	40	15	104.50		MP1G8FTA006E	50	2	80	25	45.80			
NP1G8UNI001E	15	½	80	40	22.80		MP1G8FTA007E	65	2½	80	12	78.80			
NP1G8UNI002E	20	¾	80	60	32.90		MP1G8FTA008E	80	3	80	12	129.30			
NP1G8UNI003E	25	1	80	30	49.70		MP1G8FTA009E	100	4	80	4	204.20			
NP1G8UNI004E	32	1¼	80	25	70.90		FPG8FTA006EW	150 (F)	6	80	8	—			
NP1G8UNI005E	40	1½	80	15	116.30		FPG8FTA008EW	200 (F)	8	80	6	—			
NP1G8UNI006E	50	2	80	10	131.60		MP1G8RFT5X4E	40x32	1½x1¼	80	40	32.30			
NP1G8UNI007E	65	2½	80	6	853.10		MP1G8RFT6X5E	50x40	2x1½	80	30	43.40			
NP1G8UNI008E	80	3	80	3	1066.40										
NP1G8UNI009E	100	4	80	2	1664.10										
NP1G8UNT002E	20	¾	80		—		 <b>Union (Threaded)</b>	MP2G8FTT001E	15	½	80	90		86.80	 <b>Female Threaded Tee (Brass)</b>
NP1G8UNT003E	25	1	80		—	MP2G8FTT002E		20	¾	80	50	129.20			
NP1G8UNT004E	32	1¼	80	30	60.80	MP2G8FTT3X3E		25	1	80	16	309.40			
						MP2G8FTT2X1E	20x15	¾x½	80	50	93.60				
						MP2G8FTT3X1E	25x15	1x½	80	30	129.40				
						MP2G8FTT3X2E	25x20	1x¾	80	30	152.30				
						MP2G8FTT4X1E	32x15	1¼x½	80	10	162.50				
						MP2G8FTT4X2E	32x20	1¼x¾	80	10	182.60				
						MP2G8FTT5X2E	40x20	1½x¾	80	16	229.10				
MP1G8FTE001E	15	½	80	150	11.20	 <b>Female Threaded Elbow (Plastic)</b>	MP2G8FTE001E	15	½	80	120	71.30	 <b>Female Threaded Elbow (Brass)</b>		
MP1G8FTE002E	20	¾	80	100	14.60		MP2G8FTE002E	20	¾	80	60	106.80			
MP1G8FTE003E	25	1	80	60	24.70		MP2G8FTE3X3E	25	1	80	20	216.60			
MP1G8FTE004E	32	1¼	80	36	39.50		MP2G8FTE004E	32	1¼	80	10	389.90			
MP1G8FTE005E	40	1½	80	25	57.20		MP2G8FTE2X1E	20x15	¾x½	80	80	79.40			
MP1G8FTE006E	50	2	80	16	79.60		MP2G8FTE3X1E	25x15	1x½	80	60	95.60			
MP1G8FTE009E	100	4	80	4	410.10	MP2G8FTE3X2E	25x20	1x¾	80	50	143.10				
MP1G8FTT001E	15	½	80	100	12.60	 <b>Female Threaded Tee (Plastic)</b>	MP2G8MTA001E	15	½	80	100	95.00		 <b>Male Threaded Adapter (Brass)</b>	
MP1G8FTT002E	20	¾	80	60	21.40		MP2G8MTA002E	20	¾	80	80	129.20			
MP1G8FTT003E	25	1	80	40	35.20		MP2G8MTA003E	25	1	80	50	203.10			
MP1G8FTT004E	32	1¼	80	25	52.80		MP2G8MTA4X4E	32	1¼	80	30	368.30			
MP1G8FTT005E	40	1½	80	16	72.60		MP2G8MTA5X5E	40	1½	80	25	448.60			
MP1G8FTT006E	50	2	80	9	110.50		MP2G8MTA006E	50	2	80	6	626.60			
MP1G8FTT009E	100	4	80	4	553.60		MP2G8MTA007E	65	2½	80	6	1125.00			
MP1G8FTT2X1E	20x15	¾x½	80	80	18.60		MP2G8MTA008E	80	3	80	3	1640.60			
						MP2G8MTA009E	100	4	80	2	3000.00				
						MP2G8MTA2X1E	20x15	¾x½	80	100	90.30				
MP1G4MTA001E	15	½	40	400	5.10	 <b>Male Threaded Adapter (Plastic)</b>	MP2G8MTA3X1E	25x15	1x½	80	80	109.80	 <b>Female Threaded Adapter (Brass)</b>		
MP1G4MTA002E	20	¾	40	250	6.70		MP2G8MTA3X2E	25x20	1x¾	80	30	141.80			
MP1G4MTA003E	25	1	40	120	10.40		MP2G8MTA4X3E	32x25	1¼x1	80	20	193.40			
MP1G4MTA004E	32	1¼	40	160	15.50		MP2G8MTA5X4E	40x32	1½x1¼	80	10	361.00			
MP1G4MTA005E	40	1½	40	100	22.60										
MP1G4MTA006E	50	2	40	60	34.20		MP2G8FTA001E	15	½	80	140	65.00			
MP1G8MTA001E	15	½	80	600	5.60		MP2G8FTA002E	20	¾	80	80	92.90			
MP1G8MTA002E	20	¾	80	200	8.50		MP2G8FTA003E	25	1	80	60	173.30			
MP1G8MTA003E	25	1	80	240	14.60		MP2G8FTA004E	32	1¼	80	30	276.60			
MP1G8MTA004E	32	1¼	80	80	23.60		MP2G8FTA5X5E	40	1½	80	30	314.90			
MP1G8MTA005E	40	1½	80	54	28.20		MP2G8FTA006E	50	2	80	6	503.60			
MP1G8MTA006E	50	2	80	24	51.60		MP2G8FTA007E	65	2½	80	6	752.30			
MP1G8MTA007E	65	2½	80	15	72.10		MP2G8FTA008E	80	3	80	4	958.60			
MP1G8MTA008E	80	3	80	12	141.80		MP2G8FTA009E	100	4	80	2	2109.40			
MP1G8MTA009E	100	4	80	12	191.70		MP2G8FTA2X1E	20x15	¾x½	80	120	65.70			
FPG8MTA006EW	150 (F)	6	80	10	—		MP2G8FTA3X1E	25x15	1x½	80	80	78.80			
FPG8MTA008EW	200 (F)	8	80	1	—	MP2G8FTA3X2E	25x20	1x¾	80	75	104.50				
MP1G8RMT5X4E	40x32	1½x1¼	80	40	30.50	MP2G8FTA4X3E	32x25	1¼x1	80	20	187.50				
MP1G8RMT6X5E	50x40	2x1½	80	30	53.90	MP2G8FTA5X4E	40x32	1½x1¼	80	30	281.30				
MP1G4FTA001E	15	½	40	300	5.60	 <b>Female Threaded Adapter (Plastic)</b>	NP2G8BLV001E	15	½	80	16	270.80	 <b>Ball Valve (S.S. Ball)</b>		
MP1G4FTA002E	20	¾	40	200	7.80		NP2G8BLV002E	20	¾	80	16	332.60			
MP1G4FTA003E	25	1	40	150	12.70		NP2G8BLV003E	25	1	80	14	470.60			
MP1G4FTA004E	32	1¼	40	150	17.90		NP2G8BLV004E	32	1¼	80	4	974.60			
MP1G4FTA005E	40	1½	40	80	22.50		NP2G8BLV005E	40	1½	80	4	1302.00			
MP1G4FTA006E	50	2	40	60	30.50		NP2G8BLV006E	50	2	80	2	2169.50			

1 Mpa = 10 Kgf/cm<sup>2</sup>, 1 Kgf/cm<sup>2</sup> = 14.20 psi. Pipes and fittings are offered in off white (OW) colour. F - Fabricated, SCH - Schedule (Pressure class)

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC		Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC	
NP1G8BVP001E	15	½	80	40	117.20	 <p><b>Ball Valve</b> (Plastic Ball)</p>	MP1G8PCL001E	15	½	80	900	1.40	 <p><b>Pipe Clip</b> (Plastic)</p>
NP1G8BVP002E	20	¾	80	32	154.70		MP1G8PCL002E	20	¾	80	600	2.20	
NP1G8BVP003E	25	1	80	28	254.30		MP1G8PCL003E	25	1	80	400	2.90	
NP1G8BVP004E	32	1¼	80	24	421.90		MP1G8PCL004E	32	1¼	80	200	4.80	
NP1G8BVP005E	40	1½	80	16	509.90		MP1G8PCL005E	40	1½	80	150	9.20	
NP1G8BVP006E	50	2	80	16	761.70		MP1G8PCL006E	50	2	80	100	12.60	
NP2G8BLV007E	65	2½	80	1	3410.20	 <p><b>Ball Valve</b></p>	MP1G8PCN003E	25	1	80	400	4.40	 <p><b>Pipe Clip</b> (N)</p>
NP2G8BLV008E	80	3	80	1	5039.10		MP1G8PCN004E	32	1¼	80	600	4.80	
NP2G8BLV009E	100	4	80	1	8362.50		MP1G8PCN005E	40	1½	80	200	9.90	
NP1G8BVUN02E	20	¾	80	12	420.80	 <p><b>Ball Valve with Union</b></p>	MP1G8PCN006E	50	2	80	150	17.10	 <p><b>Pipe Clamp</b> with Nail</p>
NP1G8BVUN07E	65	2½	80	4	2501.30		MP1G8PCN007E	65	2½	80	125	20.60	
NP1G8BVUN08E	80	3	80	3	3364.50		NE1G8PCL001W	15	½	80	400	11.90	
	*100	4	80		0.00		NE1G8PCL002W	20	¾	80	300	12.20	
MP1G8CTP001E	15	½	80	270	-	 <p><b>Circuit Testing Plug</b></p>	NE1G8PCL003W	25	1	80	200	15.00	 <p><b>Flange Adapter</b></p>
MP1G8CTP002E	20	¾	80	80	11.70		NE1G8PCL004W	32	1¼	80	150	18.80	
FPG8CTP003EW	25	1 (F)	80	75	38.70		NE1G8PCL005W	40	1½	80	120	19.70	
FPG8CTP004EW	32	1¼ (F)	80	50	51.60		NE1G8PCL006W	50	2	80	80	28.10	
FPG8CTP005EW	40	1½ (F)	80	25	64.50		MP1G8FLA003E	25	1	80	30	46.40	
FPG8CTP006EW	50	2 (F)	80	9	103.10	MP1G8FLA005E	40	1½	80	20	78.70		
MP1G8CRP001E	15	½	80	300	7.40	 <p><b>Circuit Testing Plug (N)</b></p>	MP1G8FLA006E	50	2	80	10	131.60	 <p><b>Flange Van Stone Style</b></p>
							MP1G8FLA007E	65	2½	80	6	239.80	
NP2G8CVF003E	25	1	80	10	883.10	 <p><b>Concealed Valve</b></p>	MP1G8FLA008E	80	3	80	5	270.80	 <p><b>Blind Flange</b></p>
							MP1G8FLA009E	100	4	80	8	434.00	
							MP1G8FLA010E	150	6	80	3	657.50	
							NP1G8FVS004E	32	1¼	80	24	74.90	
							NP1G8FVS005E	*40	1½	80		-	
							NP1G8FVS006E	*50	2	80	10	189.00	
						NP1G8FVS007E	65	2½	80	6	283.60	 <p><b>Hex Nipple</b></p>	
						NP1G8FVS008E	80	3	80	5	373.90		
						NP1G8FVS009E	100	4	80	8	567.20	 <p><b>Threaded Plug</b></p>	
						NP1G8FVS011E	200	8	80	2	1959.40		
						MP1G8BFL007E	65	2½	80	12	309.40	 <p><b>Screw Tap with Handwheel</b></p>	
						MP1G8BFL008E	80	3	80	10	380.30		
						MP1G8BFL009E	100	4	80	3	644.60		
NP2G8STH003E	25	1	80	10	506.30	 <p><b>Y-Strainer</b></p>	MP1G8HNP001E	15	½	80	400	5.10	 <p><b>Tank Air Vent</b></p>
							MP1G8HNP002E	20	¾	80	225	6.50	
							MP1G8HNP003E	25	1	80	140	10.80	
							MP1G8HNP004E	32	1¼	80	80	12.50	
							MP1G8HNP005E	40	1½	80	60	18.60	
							MP1G8HNP006E	50	2	80	40	23.50	
NP2G8YSTPC3E	25	1	80	8	361.50	 <p><b>Angle Cock</b></p>	MP1G8TPG001E	15	½	80	800	2.70	 <p><b>Air Release Valve</b></p>
NP2G8YSTPC4E	32	1¼	80	6	562.50		MP1G8TPG002E	20	¾	80	270	6.60	
NP2G8YSTPC5E	40	1½	80	3	693.80		MP1G8TPG003E	25	1	80	120	11.30	
NP2G8YSTPC6E	50	2	80	2	1027.50		MP1G8TPG004E	32	1¼	80	100	14.30	
NP2G8YST007E	65	2½	80	1	2226.60		FPG8TPG002EW	40	1½ (F)	80		41.70	
NP2G8YST008E	80	3	80	1	2929.70		FPG8TPG006EW	50	2 (F)	80	75	91.40	
							FPG8TPG007EW	65	2½ (F)	80	10	132.30	
							FPG8TPG008EW	80	3 (F)	80	8	184.10	
							FPG8TPG009EW	100	4 (F)	80	5	310.60	
						NP2G4TAV001E	15	½	40	30	27.10		
						NP2G4TAV002E	20	¾	40	25	33.60		
						NP2G4TAV003E	25	1	40	30	54.50		
						NP2G4TAV005E	40	1½	40	30	84.00		
						NP7ATARV020B	20	¾	24	315.00	 <p><b>Air Release Valve</b></p>		
						NP7ATARV025B	25	1	18	380.90			
						NP7ATARV032B	32	1¼	12	446.90			

1 Mpa = 10 Kgf/cm<sup>2</sup>, 1 Kgf/cm<sup>2</sup> = 14.20 psi. Pipes and fittings are offered in off white (OW) colour. F - Fabricated, SCH - Schedule (Pressure class).

\*Marked product will be shortly introduced

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC		Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC		
NP4G8SCV002I	20	¾	80	30	388.50	 <b>Swing Check Valve</b>	FPG8RTC001EW	50	2	80	25	477.10	 <b>Tank Connector (for RCC tank) (MTxSpG)(F)</b>	
NP4G8SCV003I	25	1	80	22	618.80		FPG8RTC002EW	65	2½	80	15	524.50		
NP4G8SCV004I	32	1¼	80	12	961.00		FPG8RTC003EW	80	3	80	10	813.70		
NP4G8SCV005I	40	1½	80	08	1200.00		FPG8RTC004EW	100	4	80	6	1166.30		
NP4G8SCV006I	50	2	80	06	1582.50									
NP1G8NRV004E	32	1¼	80	25	-	 <b>Non Return Valve (NRV)</b>	FPG8BNT001EW	15	½	80	100	21.80	 <b>Bend 90° (Threaded) (F)</b>	
	40	1½	80		-		FPG8BNT002EW	20	¾	80	60	31.70		
NP1G8NRV007E	50	2	80	3	1670.00		FPG8BNT003EW	25	1	80	50	51.20		
NP1G8NRV007E	65	2½	80	2	3111.40		FPG8BNT004EW	32	1¼	80	30	82.10		
NP1G8NRV008E	80	3	80	1	4646.60		FPG8BNT005EW	40	1½	80	20	105.60		
NP1G8NRV009E	100	4	80	1	7236.40		FPG8BNT006EW	50	2	80	35	148.70		
							FPG8BNT007EW	65	2½	80	15	326.30		
							FPG8BNT008EW	80	3	80	10	682.80		
							FPG8BNT009EW	100	4	80	4	1075.10		
							FPG8BNT010EW	150	6	80	L	-		
NP1G8TCR001E	15	½	80	100	20.20	 <b>Tank Connector (MT/FT)</b>	FPG8BNS001EW	15	½	80	75	18.30	 <b>Bend 90° (SW) (F)</b>	
NP1G8TCR002E	20	¾	80	80	37.10		FPG8BNS002EW	20	¾	80	40	28.10		
NP1G8TCR003E	25	1	80	50	43.40		FPG8BNS003EW	25	1	80	50	47.90		
NP1G8TCR004E	32	1¼	80	30	71.60		FPG8BNS004EW	32	1¼	80	30	76.50		
NP1G8TCR005E	40	1½	80	25	80.50		FPG8BNS005EW	40	1½	80	20	100.90		
							FPG8BNS006EW	50	2	80	35	162.80		
							FPG8BNS007EW	65	2½	80	15	322.40		
							FPG8BNS008EW	80	3	80	10	479.60		
NP1G8TCS003E	25	1	80	120	43.90	 <b>Tank Connector (MT/Soc)</b>	FPG8BNS009EW	100	4	80	4	1136.70		
NP1G8TCS004E	32	1¼	80	25	77.30		FPG8BNS010EW	150	6	80	L	2848.10		
								FPG8BNS011EW	200	8	80	L	7528.10	
								MP1G8BPB003E	25	1	80	50	89.70	 <b>Bypass Bend (F)</b>
								MP1G8BPB003E	40	1½	80	16	221.50	
								FPG8BPB007EW	15	½	80	75	37.40	
							FPG8BPB008EW	20	¾	80	50	51.60		
							FPG8BPB009EW	25	1	80	35	78.70		
							FPG8BPB010EW	32	1¼	80	30	135.40		
NP1G8TCM002E	20	¾	80	80	37.50	 <b>Tank Connector (MT/MT)</b>	FPG8BPB011EW	40	1½	80	25	178.70		
NP1G8TCM003E	25	1	80	100	58.60		FPG8BPB012EW	50	2	80	15	260.50		
								FPG8OSB002EW	15	½	80	75	44.90	 <b>Offset Bend</b>
								FPG8OSB001EW	20	¾	80	50	59.10	
								FPG8OSB003EW	25	1	80	35	85.90	
								FPG8OSB004EW	32	1¼	80	30	140.10	
FPG8TCR006EW	50	2	80	13	136.70	 <b>Tank Connector (MT/MT) (F)</b>	FPG8MTN001EW	15x100	½x4	80	150	11.30	 <b>Male Transition Nipple (M.T.N.) (F)</b>	
							FPG8MTN002EW	20x100	¾x4	80	125	15.50		
							FPG8MTN003EW	25x100	1x4	80	65	22.60		
							FPG8MTN004EW	32x100	1¼x4	80	40	31.20		
							FPG8MTN005EW	40x100	1½x4	80	35	37.80		
							FPG8MTN006EW	50x100	2x4	80	25	51.80		
							FPG8MTN008EW	15x150	½x6	80	125	17.00	 <b>Female Transition Nipple (F.T.N.) (F)</b>	
							FPG8MTN009EW	20x150	¾x6	80	100	23.30		
							FPG8MTN010EW	25x150	1x6	80	50	33.30		
							FPG8MTN011EW	32x150	1¼x6	80	35	46.40		
							FPG8MTN014EW	40x150	1½x6	80	30	55.00		
							FPG8MTN012EW	50x150	2x6	80	20	78.80		
NP1G8TCL001E	15	½	80	80	29.30	 <b>Tank Connector Long (MT/SpG)</b>	FPG8MTN007EW	65x150	2½x6	80	15	94.40		
NP1G8TCL002E	20	¾	80	150	38.70		FPG8MTN013EW	80x150	3x6	80	10	154.70		
NP1G8TCL003E	25	1	80	100	58.10		FPG8MTN015EW	100x150	4x6	80	8	232.10		
NP1G8TCL004E	32	1¼	80	50	103.10									
NP1G8TCL005E	40	1½	80	40	117.20									
FPG8TCL006EW	50 (F)	2	80	9	144.40									
NP1G4UTC003E	25	1	40	70	87.20	 <b>Tank Connector with Union (MTxSoc)</b>	FPG8FTN001EW	15x100	½x4	80	150	11.30	 <b>Female Transition Nipple (F.T.N.) (F)</b>	
NP1G4UTC005E	40	1½	40	30	153.80		FPG8FTN002EW	20x100	¾x4	80	125	15.50		
NP1G4UTC006E	50	2	40	20	225.00		FPG8FTN003EW	25x100	1x4	80	65	23.30		
							FPG8FTN004EW	32x100	1¼x4	80	40	31.20		
							FPG8FTN005EW	40x100	1½x4	80	30	37.60		
							FPG8FTN006EW	50x100	2x4	80	25	51.80		
							FPG8FTN008EW	15x150	½x6	80	100	17.00		
							FPG8FTN009EW	20x150	¾x6	80	75	23.30		
							FPG8FTN010EW	25x150	1x6	80	40	33.30		
							FPG8FTN011EW	32x150	1¼x6	80	30	46.40		
							FPG8FTN012EW	40x150	1½x6	80	25	55.00		
							FPG8FTN007EW	50x150	2x6	80	18	78.80		

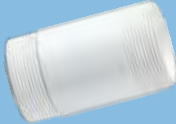
1 Mpa = 10 Kgf/cm<sup>2</sup>, 1 Kgf/cm<sup>2</sup> = 14.20 psi. Pipes and fittings are offered in off white (OW) colour. F - Fabricated, SCH - Schedule (Pressure class)

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
FPG8FTN015EW	65x150	2½x6	80	15	94.40
FPG8FTN014EW	80x150	3x6	80	10	154.70
FPG8FTN013EW	100x150	4x6	80	8	232.10



**Female Transition Nipple (F.T.N.) (F)**

FPG8NP4001EW	15	½	80	13.90
FPG8NP4002EW	20	¾	80	16.90
FPG8NP4003EW	25	1	80	24.80
FPG8NP4004EW	32	1¼	80	32.50
FPG8NP4005EW	40	1½	80	39.50
FPG8NP4006EW	50	2	80	51.10
FPG8NP4007EW	65	2½	80	85.10
FPG8NP4008EW	100	4	80	154.70



**Pipe Nipple (Threaded- 4" long)**

From 15 to 50mm (½" to 2") sizes these are available in 80 to 300mm (3", 4", 6", 7", 8", 9" & 12") standard length. 65 to 100mm (2½" to 4") sizes are available in 150mm (6") standard length.

4129543	15	½	60	-
4129544	20	¾	50	-
4129545	25	1	50	-
4129546	32	1¼	40	-
4129547	40	1½	30	-
4129548	50	2	28	-



**Base U Clamp**

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
1602606					352.50

(Suitable upto 3")



**Strap Wrench (Second Sale)**

4100351	15	½		8.10
4100352	20	¾		9.30
4100353	25	1		11.00
4100354	32	1¼		11.50
4100355	40	1½		13.10
4100356	50	2		15.00
4100357	65	2½		18.80
4100358	80	3		20.60
4100359	100	4		27.50
4100360	150	6		40.00



**Metal Clamp (Second Sale)**

4100462	15	½	130	15.00
4100463	20	¾	100	16.90
4100464	25	1	80	18.80
4100465	32	1¼	70	20.00
4100466	40	1½	50	21.90
4100467	50	2	50	25.40
4100468	65	2½	50	28.80
4129536	80	3	30	-
4129537	100	4	25	-



**U - Bolt Clamp (Second Sale)**

4129538	25	1	16	-
4129539	32	1¼	15	-
4129540	40	1½	10	-



**Clevis Hanger**

4129534	200		24	-
4129535	300		12	-



**Base Clamp (Slotted)**

1 Mpa = 10 Kgf/cm<sup>2</sup>, 1 Kgf/cm<sup>2</sup> = 14.20 psi. Pipes and fittings are offered in off white (OW) colour. F - Fabricated, SCH - Schedule (Pressure class)

## uPVC SOLVENT CEMENT

Item Code	Size	Box qty.	EX.FAC
SBAQUASD0061	60ml	48	80.00
SBAQUASD0100	100ml	24	112.00
SBAQUASD0250	250ml	24	225.00
SBAQUASD0500	500ml	12	425.00
SBAQUASD1000	1000ml	12	780.00
SBAQUASD5000	5000ml	4	2800.00

Meets IS:14182 and ASTM D-2564 standards. Suitable up to 50mm (2") diameter for SCH 40



**Regular Bodied**

Item Code	Size	Box qty.	EX.FAC
SBAQUAHD0061	60ml	48	82.00
SBAQUAHD0100	100ml	24	120.00
SBAQUAHD0250	250ml	24	230.00
SBAQUAHD0500	500ml	12	430.00
SBAQUAHD1000	1000ml	12	825.00

Meets IS:14182 and ASTM D-2564 standards. Suitable upto 300mm (12") diameter for SCH 40 and 150mm (6") diameter for SCH 80



**Heavy Bodied**

SBAQUAMD0007	7ml (tube)	96	20.00
SBAQUAMD0015	15ml (tube)	24	27.00
SBAQUAMD0030	30ml (tube)	24	42.00
SBAQUAMD0060	60ml (tube)	24	65.00
SBAQUAMD0061	60ml	48	80.00
SBAQUAMD0100	100ml	24	115.00
SBAQUAMD0250	250ml	24	230.00
SBAQUAMD0500	500ml	12	425.00
SBAQUAMD1000	1000ml	12	810.00
SBAQUAMD5000	5000ml	4	3800.00

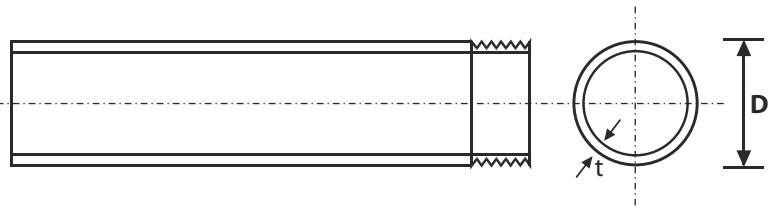
Meets IS:14182 and ASTM D-2564 standards. Suitable upto 150mm (6") diameter for SCH 40 and 32mm (1¼") diameter for SCH 80



**Medium Bodied**

**High Pressure uPVC Threaded Pipes**

These pipes are manufactured as per ASTM D-1785 standards and are available in SCH 40, 80 and 120 pressure classes. These pipes are generally used for plumbing, water supply and for lowering jet pumps in the borewells. These pipes are not recommended to use with aqua Gold<sup>®</sup> fittings. ASTM threaded pipes are 40-50% cheaper than GI pipes and offer all advantages of aqua Gold<sup>®</sup> pipes. Dimensions and pressure ratings of these pipes are given in the table below.



**Dimensions and water pressure rating at 23°C for pipes as per ASTM D-1785 threaded as per IS:554 (PVC compound grade equivalent to PVC 1120/2120)**

Nominal size	Outside diameter (D)	Schedule 40				Schedule 80				Schedule 120				
		EX.FAC 3 Mtr	EX.FAC 6 Mtr	Working pressure kgf/cm <sup>2</sup>	Working pressure psi	EX.FAC 3 Mtr	EX.FAC 6 Mtr	Working pressure kgf/cm <sup>2</sup>	Working pressure psi	EX.FAC 3 Mtr	EX.FAC 6 Mtr	Working pressure kgf/cm <sup>2</sup>	Working pressure psi	
15	½	21.34 ± 0.10	198.00	395.00	20.7	300	243.00	488.00	29.0	420	280.00	-	35.2	510
20	¾	26.67 ± 0.10	258.00	517.00	16.5	240	332.00	665.00	23.4	340	378.00	-	26.9	390
25	1	33.40 ± 0.13	395.00	788.00	15.5	225	486.00	968.00	22.1	320	566.00	-	24.8	360
32	1¼	42.16 ± 0.13	520.00	1036.00	12.7	185	674.00	1349.00	17.9	260	746.00	-	20.7	300
40	1½	48.26 ± 0.15	620.00	1241.00	11.4	165	828.00	1654.00	16.5	240	905.00	-	18.6	270
50	2	60.32 ± 0.15	831.00	1662.00	09.6	140	1124.00	2249.00	13.8	200	1384.00	-	16.5	240
#65	2½	75.20 ± 0.10	1424.00	2849.00	10.3	150	1820.00	3641.00	14.5	210	2021.00	4043.00	15.9	230
80	3	88.90 ± 0.20	1766.00	3533.00	08.9	130	2306.00	4613.00	13.1	190	2742.00	-	15.2	220
100	4	114.30 ± 0.23	2513.00	5026.00	07.6	110	3488.00	6978.00	11.0	160	4396.00	-	15.2	220
125	5	141.30 ± 0.25	3341.00	-	06.5	90	4979.00	-	09.7	140	6364.00	-	13.7	200
150	6	168.28 ± 0.28	4349.00	8996.00	06.5	90	6472.00	12944.00	09.7	140	8551.00	17103.00	13.1	190
200	8	219.08 ± 0.38	6829.00	13656.00	05.5	80	9720.00	19440.00	08.3	120	-	-	--	--

1 Mpa = 10 Kgf/cm<sup>2</sup>, 1 Kgf/cm<sup>2</sup> = 14.20 psi

Note: Pressure rating of the pipes in threaded conditions reduces to half compared to unthreaded (aqua Gold<sup>®</sup>) pipes. These pipes are not recommended for solvent weld joints. #65mm (2½") pipe dimensions are as per company standards.

## THE SYSTEM

Supreme Lifeline® C-PVC, manufactured using world's best Japanese material and technology, is an ideal solution for hot and cold water usage. This system is one of the best substitutes for GI piping in water supply and distribution and for industrial applications. The pipes and fittings are made of chlorinated polyvinyl chloride and available in complete range from 15 to 50mm dia (½" to 2") as per copper tube sizes (CTS). The pipes are available in SDR 11 and SDR 13.5 whereas fittings are available in SDR 11 class. Pipes and most running fittings in SDR 9 i.e., heavy pressure class in 20 and 25mm dia (¾" and 1") are also available. Pipes and fittings in CTS are manufactured according to IS:15778 and ASTM D-2846 respectively. Threaded inserts in the transition fittings are made from brass to withstand chemical corrosion at elevated temperatures.

The choice of the raw material, the structural accuracy and the strict quality control imparts a high degree of reliability to Supreme Lifeline® C-PVC. Lifeline® is the most suitable, easy and economic solution for transportation and distribution of potable water. It is technically much superior, cost effective and offers many advantages over GI and other conventional systems.

### Fields of application

Lifeline® C-PVC is designed for hot and cold water supply in residential, commercial and public projects, high and low rise buildings, corporate houses and academic institutes, solar heater applications etc. It is suitable for all uptake and down take lines, terrace looping and concealed pipe work applications.



## PIPES

Pipe dimensions and pressure rating chart as per IS:15778 (CTS series)

Nominal size		Outer diameter (mm)		SDR - 9 (company standard)			SDR - 11			SDR - 13.5		
				EX.FAC	Working pressure at		EX.FAC	Working pressure at		EX.FAC	Working pressure at	
mm	inch	Min	Max	Per Mtr	23°C	82°C	Per Mtr	27°C	82°C	Per Mtr	27°C	82°C
15	½	15.8	16.0	-	-	-	92.00	28.14	6.93	80.00	22.23	5.60
20	¾	22.1	22.3	153.00	35.20	8.80	138.00	28.14	6.93	128.00	22.23	5.60
25	1	28.5	28.7	246.00	34.20	8.80	209.00	28.14	6.93	177.00	22.23	5.60
32	1¼	34.8	35.0	-	-	-	320.00	28.14	6.93	260.00	22.23	5.60
40	1½	41.2	41.4	-	-	-	433.00	28.14	6.93	363.00	22.23	5.60
50	2	53.9	54.1	-	-	-	726.00	28.14	6.93	595.00	22.23	5.60

**Note:** When connected to gas water heater, C-PVC should not be located within 50cm of the flue. For water heaters lacking reliable temperature control, this distance may be increased up to 1m. A metal nipple or flexible appliance connector should be utilized.

## FEATURES AND BENEFITS

**High quality and wide range** - The system consists of pipes and a wide range of fittings with company manufactured, NSF approved international quality solvent cements, which makes the system complete in all respect.

**Excellent resistance to corrosion and chemical attacks** - Lifeline® is completely free from corrosion and offers excellent resistance to great number of chemicals like strong mineral acids and bases.

**Most suitable for carrying potable water** - Being free from corrosion and negative biological effects it does not break down even under the harshest water conditions and hence the quality of water never deteriorates.

**Light weight, easy and quick assembly** - Light weight and simple solvent cement jointing methods results in extensive saving on time, labour and costs.

**Tough and rigid material** - C-PVC has a much higher strength modulus than other thermoplastics used in plumbing applications. Due to its tough and rigid material properties, Lifeline® can withstand higher pressure and temperatures. It requires lesser number of supports with minimum offsets or looping.

**Leak proof joints** - Jointing with special solvent cement manufactured and supplied by the company ensures 100% leak proof joints.

**Low thermal expansion** - As the co-efficient of thermal expansion is low, expansion due to temperature variations is reduced and hence unsightly snaking of pipes can be avoided.

**Superior insulation properties** - Lifeline® has better insulation properties than metal pipes which reduces heat loss and consequent insulation costs.

**Fire resistance** - Lifeline® C-PVC does not support combustion.

**Maintenance free** - Being free from rusting, pitting or scaling and galvanic or electrolytic corrosion, maintenance is minimal.

**Highly economical in long run** - This system is more cost effective than any other plumbing system in the long run.



# FITTINGS

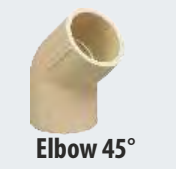
Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
MC1P9CPL002E	20	¾	9	600	24.30
MC1P9CPL003I	25	1	9	300	39.90
MC1P1CPL001I	15	½	11	150	11.70
MC1P1CPL002I	20	¾	11	600	16.10
MC1P1CPLW02I (w/o rib)	20	¾	11	600	16.10
MC1P1CPL003I	25	1	11	300	27.30
MC1P1CPLW03I (w/o rib)	25	1	11	300	27.30
MC1P1CPL004I	32	1¼	11	80	52.00
MC1P1CPLW04I (w/o rib)	32	1¼	11	200	52.00
MC1P1CPL005I	40	1½	11	55	95.10
MC1P1CPL006I	50	2	11	20	200.60



MC1P9ELB002I	20	¾	9	400	31.60
MC1P9ELB003I	25	1	9	200	59.40
MC1P1ELB001I	15	½	11	400	14.90
MC1P1ELB002I	20	¾	11	400	20.30
MC1P1ELBW02I (w/o rib)	20	¾	11	400	20.30
MC1P1ELB003I	25	1	11	200	40.30
MC1P1ELBW03I (w/o rib)	25	1	11	200	40.30
MC1P1ELB004I	32	1¼	11	40	84.40
MC1P1ELBW04I (w/o rib)	32	1¼	11	40	84.40
MC1P1ELB005I	40	1½	11	25	159.10
MC1P1ELBW05I (w/o rib)	40	1½	11	75	183.60
MC1P1ELB006I	50	2	11	15	333.10
MC1P1ELBW06I (w/o rib)	50	2	11	30	333.10



MC1P1BDF001I	15	½	11	330	18.10
MC1P1BDF002I	20	¾	11	225	28.80
MC1P1BDF003I	25	1	11	100	49.90
MC1P1BDF004I	32	1¼	11	60	104.20
MC1P1BDF005I	40	1½	11	30	162.70
MC1P1BDF006I	50	2	11	15	337.00



MC1P1REL2X1I	20x15	¾x½	11	200	26.60
MC1P1REL3X1I	25x15	1x½	11	150	40.50
MC1P1REL3X2I	25x20	1x¾	11	100	54.10
MC1P1REL4X2I	32x20	1¼x¾	11	70	81.90
MC1P1REL5X2I	40x20	1½x¾	11	50	111.10
MC1P1REL5X3I	40x25	1½x1	11	50	116.30



FCP0REL002EW	32x25	1¼x1 (F)	11	100	121.90
FCP0REL003EW	40x32	1½x1¼ (F)	11	20	216.30
FCP0REL006EW	50x25	2x1 (F)	11	35	492.40
FCP0REL001EW	50x32	2x1¼ (F)	11	35	517.50
FCP0REL004EW	50x40	2x1½ (F)	11	35	492.40



MC1P1TWE002I	20	¾	11	100	30.60
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MC1P9TEE002I	20	¾	9	300	44.00
MC1P9TEE003I	25	1	9	120	74.00
MC1P1TEE001I	15	½	11	300	20.30
MC1P1TEE002I	20	¾	11	300	33.20
MC1P1TEEW02I (w/o rib)	20	¾	11	300	33.20
MC1P1TEE003I	25	1	11	150	52.20
MC1P1TEE003I (w/o rib)	25	1	11	150	52.20
MC1P1TEE004I	32	1¼	11	30	107.80
MC1P1TEE005I	40	1½	11	50	196.10
MC1P1TEE006I	50	2	11	10	418.60



MC1P1RET2X1I	20x15	¾x½	11	60	50.10
MC1P1RET3X1I	25x15	1x½	11	60	78.60
MC1P1RET3X2I	25x20	1x¾	11	60	70.10
MC1P1RTW3X2I (w/orib)	25x20	1x¾	11	60	70.10
MC1P1RET4X2I	32x20	1¼x¾	11	40	145.80
MC1P1RET4X3I	32x25	1¼x1	11	40	137.30
MC1P1RET5X2I	40x20	1½x¾	11	35	219.10
MC1P1RET5X3I	40x25	1½x1	11	25	222.30
MC1P1RET5X4I	40x32	1½x1¼	11	25	217.40



Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
MC1P1RET6X1I	50x15	2x½	11	15	446.40
MC1P1RET6X2I	50x20	2x¾	11	15	439.60
MC1P1RET6X3I	50x25	2x1	11	15	421.10
MC1P1RET6X4I	50x32	2x1¼	11	12	365.30
MC1P1RET6X5I	50x40	2x1½	11	12	372.00
FCP0RET020EW	32x15 (F)	1¼x½	11	100	194.70
FCP0RET025EW	40x15 (F)	1½x½	11	70	217.40



MC1P1CRT001I	15	½	11	50	30.70
MC1P1CRT002I	20	¾	11	100	64.80
MC1P1CRT003I	25	1	11	120	121.90
MC1P1CRT004I	32	1¼	11	60	205.60



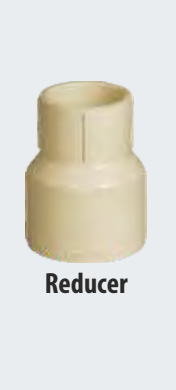
NC1P1UNI001I	15	½	11	30	76.50
NC1P1UNC002I	20 (Compact)	¾	11	50	79.10
NC1P1UNN002I	20 (new)	¾	11	80	104.00
NC1P1UNI003I	25	1	11	60	141.90
NC1P1UNI004I	32	1¼	11	30	191.40
NC1P1UNI005I	40	1½	11	20	319.80
NC1P1UNI006I	50	2	11	10	561.40



NC1P1UNT002I	20	¾	11	80	136.30
NC1P1UNT003I	25	1	11	50	139.10
NC1P1UNT004I	32	1¼	11	30	264.30



MC1P9RED3X2I	25x20	1x¾	9	120	41.90
MC1P1RED2X1I	20x15	¾x½	11	300	21.30
MC1P1RED3X1I	25x15	1x½	11	200	30.70
MC1P1RED3X2I	25x20	1x¾	11	120	35.10
MC1P1RED4X1I	32x15	1¼x½	11	40	64.80
MC1P1RED4X2I	32x20	1¼x¾	11	120	67.20
MC1P1RED4X3I	32x25	1¼x1	11	100	77.80
MC1P1RED5X2I	40x20	1½x¾	11	70	114.90
MC1P1RED5X3I	40x25	1½x1	11	80	125.50
MC1P1RED5X4I	40x32	1½x1¼	11	50	109.60
MC1P1RED6X3I	50x25	2x1	11	40	240.40
MC1P1RED6X4I	50x32	2x1¼	11	35	249.10
MC1P1RED6X5I	50x40	2x1½	11	30	252.20
FCP0RED002EW	50x20	2x¾ (F)	11	50	264.80
















MC1P1ECP001I	15	½	11	600	8.80
MC1P1ECP002I	20	¾	11	400	14.70
MC1P1ECP003I	25	1	11	240	22.10
MC1P1ECP004I	32	1¼	11	150	45.90
MC1P1ECP005I	40	1½	11	90	68.20
MC1P1ECP006I	50	2	11	30	145.20



MC1P1REB2X1I	20x15	¾x½	11	800	11.70
MC1P1REB3X1I	25x15	1x½	11	300	25.60
MC1P1REB3X2I	25x20	1x¾	11	350	21.80
MC1P1REB4X1I	32x15	1¼x½	11	45	40.50
MC1P1REB4X2I	32x20	1¼x¾	11	150	36.30
MC1P1REB4X3I	32x25	1¼x1	11	150	30.00
MC1P1REB5X1I	40x15	1½x½	11	30	64.80
MC1P1REB5X2I	40x20	1½x¾	11	100	57.60
MC1P1REB5X3I	40x25	1½x1	11	100	56.30
MC1P1REB5X4I	40x32	1½x1¼	11	100	39.40
	50x15	2x½	11	-	-
MC1P1REB6X2I	50x20	2x¾	11	20	113.80
MC1P1REB6X3I	50x25	2x1	11	50	114.90
MC1P1REB6X4I	50x32	2x1¼	11	50	119.20
MC1P1REB6X5I	50x40	2x1½	11	50	102.10



Pipes and fitting offered upto 50mm (2") are as per CTS standards. SDR-Standard dimension ratio (Pressure class).

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC		Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC	
MC1P81RB001I	15x15	1/2x1/2	11	300	10.00	 <b>Transition Bush</b>	MC2P9FTA3X1I	25x15	1x1/2	9	150	114.80	 <b>FTA (Brass)</b>
MC1P81RB002I	20x20	3/4x3/4	11	400	13.90		MC2P1FTA001I	15	1/2	11	50	152.60	
MC1P81RB003I	25x25	1x1	11	100	25.70		MC2P1FTA002I	20	3/4	11	50	214.80	
MC1P81RB004I	32x32	1 1/4x1 1/4	11	40	49.40		MC2P1FTA003I	25	1	11	30	342.50	
MC1P81RB005I	40x40	1 1/2x1 1/2	11	30	62.70		MC2P1FTA004I	32	1 1/4	11	12	706.30	
MC1P81RB006I	50x50	2x2	11	20	97.90		MC2P1FTA005I	40	1 1/2	11	10	799.80	
MC1P1MTA001I	15	1/2	11	500	13.80	 <b>MTA (Plastic)</b>	MC2P1FTA006I	50	2	11	6	1502.70	 <b>MTA (Brass)</b>
MC1P1MTA002I	20	3/4	11	600	23.90		MC2P1FTA2X1I	20x15	3/4x1/2	11	160	85.80	
MC1P1MTA003I	25	1	11	120	36.20		MC2P1FTA3X1I	25x15	1x1/2	11	100	110.60	
MC1P1MTA004I	32	1 1/4	11	60	57.60		MC2P1FTA3X2I	25x20	1x3/4	11	100	131.20	
MC1P1MTA005I	40	1 1/2	11	50	87.60		MC2P1MTA001I	15	1/2	11	50	158.00	
MC1P1MTA006I	50	2	11	30	171.50		MC2P1MTA002I	20	3/4	11	50	211.30	
MC1P1RMT2X1I	20x15	3/4x1/2	11	300	30.00	 <b>FTA (Plastic)</b>	MC2P1MTA003I	25	1	11	30	336.10	 <b>RMTA (Brass)</b>
MC1P1RMT3X2I	25x20	1x3/4	11	200	32.00		MC2P1MTA004I	32	1 1/4	11	12	689.90	
MC1P1RMT4X3I	32x25	1 1/4x1	11	100	64.80		MC2P1MTA005I	40	1 1/2	11	10	868.50	
MC1P1FTA001I	15	1/2	11	300	19.30		MC2P1MTA006I	50	2	11	6	1658.40	
MC1P1FTA002I	20	3/4	11	200	32.10		MC2P1MTA2X1I	20x15	3/4x1/2	11	150	135.80	
MC1P1FTA003I	25	1	11	120	46.20		MC2P1MTR2X1I	20X15	3/4x1/2	11	100	135.80	
MC1P1FTA004I	32	1 1/4	11	60	117.40	 <b>Single Y</b>	MC2P1MTA3X1I	25x15	1x1/2	11	40	242.70	
MC1P1FTA005I	40	1 1/2	11	40	155.40		MC2P1MTA3X2I	25x20	1x3/4	11	30	281.80	
MC1P1FTA006I	50	2	11	20	244.50		 <b>Ball Valve</b>	MC1P1WYE004I	32	1 1/4	11	30	200.20
MC1P1RFT2X1I	20x15	3/4x1/2	11	300	31.70			NC1P1BLV002I	20	3/4	11	40	-
MC1P1RFT4X3I	32x25	1 1/4x1	11	100	69.80			NC1P1BL1101I	15	1/2	11	125	111.00
MC2P9FTE2X1I	20x15	3/4x1/2	9	240	103.90			NC1P1BVLTO2I	20	3/4	11	60	209.60
MC2P9FTE3X1I	25x15	1x1/2	9	100	144.80	NC1P1BVLTO3I		25	1	11	32	338.20	
MC2P1FTE001I	15	1/2	11	160	67.70	NC1P1BVLTO4I		32	1 1/4	11	12	639.70	
MC2P1FTE2X2I	20	3/4	11	100	106.60	NC1P1BVLTO5I	40	1 1/2	11	14	915.80		
MC2P1FTE003I	25	1	11	50	272.40	NC1P1BVLTO6I	50	2	11	2	1758.40		
MC2P1FTE004I	32	1 1/4	11	15	460.60	 <b>Union Ball Valve (Plain)</b>	MC2P1FTE2X1I	20x15	3/4x1/2	11	300	73.00	
MC2P1FTE2X1I (w/o rib)	20x15	3/4x1/2	11	300	73.00		NC1P1BVUN03I	*20	3/4	11	-	-	
MC2P1FTE3X1I	25x15	1x1/2	11	100	132.80		NC1P1UBVP04I	25	1	11	16	535.80	
MC2P1FTE3X2I	25x20	1x3/4	11	80	166.90		 <b>Union Ball Valve (Threaded)</b>	NC1P1UBVT04I	32	1 1/4	11	16	997.30
MC2P1FTE4X1I	40x15	1 1/4x1/2	11	75	125.20			NC2P1CVF002I	20	3/4	11	9	1168.40
MC2P1MTE2X1I	20x15	3/4x1/2	11	120	125.60			NC2P1CVF003I	20	1	11	9	860.00
 <b>Female Threaded Tee (Brass)</b>	MC2P9RTE3X1I	25x15	1x1/2	9	100	161.10		 <b>Concealed Valve (Full Turn Long)</b>					
	MC2P1FTT001I	15	1/2	11	120	84.90							
	MC2P1FTT002I	20	3/4	11	60	131.20							
	MC2P1FTT003I	25	1	11	20	259.70							
	MC2P1FTT004I	32	1 1/4	11	30	477.90							
	MC2P1FTT2X1I	20x15	3/4x1/2	11	240	88.50							
MC2P1FTT3X1I	25x15	1x1/2	11	60	144.90	 <b>Male Threaded Tee (Brass)</b>							
MC2P1FTT3X2I	25x20	1x3/4	11	60	237.30								
MC2P1FTT4X1I	32x15	1 1/4x1/2	11	50	188.50								
MC2P1MTT2X1I	20x15	3/4x1/2	11	100	131.20								















Pipes and fitting offered upto 50mm (2") are as per CTS standards. F-Fabricated, SDR-Standard dimension ratio (Pressure class).

\*Marked product will be shortly introduced

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC		Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC	
NC2P1CVQAB2I	20	¾	11	9	1091.90		MC1P1ELH1X1I	15	½		100	6.50	
							MC1P1ELH2X1I	20x15	¾x½		200	10.80	
NC2P1CVQAH2I	20	¾	11	9	1091.90								
NC2P1CVQDN1I	15	½	11	9	975.50		MC1P1PCL001I	15	½		800	3.90	
NC2P1CVQDN2I	20	¾	11	9	1091.90	<b>Concealed Valve</b> (Quarter Turn)	MC1P1PCL002I	20	¾		600	5.60	
NC2P1CVQDN3I	25	1	11	9	1398.00		MC1P1PCL003I	25	1		600	7.40	
							MC1P1PCL004I	32	1¼		300	10.70	
							MC1P1PCL005I	40	1½		200	14.90	
							MC1P1PCL006I	50	2		160	18.10	
NC2P1CVSQR2I (Short)	20	¾	11	10	1244.90		MC1P1PCN001I	15	½		800	-	
NC2P1CVLQR2I (Long)	20	¾	11	10	1398.00		MC1P1PCN004I	32	1¼		300	19.90	
NC2P1CVSQS2I (Short)	20	¾	11	10	1244.90		MC1P1PCN005I	40	1½		200	29.10	
NC2P1CVLQS2I (Long)	20	¾	11	10	1143.40		MC1P1PCN006I	50	2		160	-	
NC2P1CVSQT2I (Short)	20	¾	11	10	1244.90								
NC2P1CVLQT2I (Long)	20	¾	11	10	1143.40		MC1P1PCC002I	20	¾		600	12.50	
							MC1P1PCC003I	25	1		500	14.50	
							NC1P1PCL002I	20	¾	11	400	25.00	
							NC1P1PCL003I	25	1	11	300	32.00	
							MC1P1FLA003I	25	1	11	30	129.80	
							MC1P1FLA005I	40	1½	11	20	270.00	
							MC1P1FLA006I	50	2	11	10	542.00	
NC2P1STH002I	20	¾	11	10	819.30								
						<b>Screw Tap with Handwheel</b>	NC1P1FVS005I	40	1½	11	10	391.00	
MC2P1YST003I	25	1	11	12	1058.40		NC1P1FVS006I	50	2	11	18	960.90	
MC2P1YST004I	32	1¼	11	6	2799.50								
MC2P1YST005I	40	1½	11	3	3277.50		MC1P1HNP001I	15	½	11	400	25.20	
MC2P1YST006I	50	2	11	2	5148.40		MC1P1HNP002I	20	¾	11	225	29.20	
							MC1P1HNP003I	25	1	11	140	50.60	
MC1P81TC3X3I (25x25 CTSxIPS)	1x1		11	80	100.50		MC1P1HNP004I	32	1¼	11	80	58.40	
MC1P81TC3X3I (25x32 CTSxMM)	1x32 mm		11	80	84.70		MC1P1HNP005I	40	1½	11	60	83.70	
MC1P1BPB001I	15	½	11	100	62.60		MC1P1HNP006I	50	2	11	40	108.90	
MC1P1BPB002I	20	¾	11	100	103.40								
MC1P1BPB003I	25	1	11	60	162.30		NC1P1NRV002I	20	¾	11	24	313.00	
							NC1P1NRV003I	25	1	11	18	486.90	
							NC1P1NRV004I	32	1¼	11	25	782.50	
							NC1P1NRV005I	40	1½	11	18	1002.30	
MC1P1CRP001I	15	½	11	270	17.70		NC1P1TAV002I	20	¾	11	80	104.30	
						<b>Circuit Testing Plug (N)</b>	NC1P1TAV003I	25	1	11	25	130.80	
							NC1P1TAV005I	40	1½	11	30	431.20	

Pipes and fitting offered upto 50mm (2") are as per CTS standards. F-Fabricated, SDR-Standard dimension ratio (Pressure class).

\*Marked product will be shortly introduced

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC		Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC	
MC1P1HRP1X7I	15x7	½x7mm	11	300	<b>11.70</b>	 <b>Hole Repairing Coupler</b>	FCP0WMS0006I	20x15	¾x½		10	<b>396.40</b>	 <b>Wall Mixer Fixture Set (Top &amp; Side)</b>
MC1P1HRP2X7I	20x7	¾x7mm	11	200	<b>17.80</b>		FCP0WMS0003I	25x15	1x½		10	<b>577.30</b>	
MC1P1HRP211I	20x11	¾x11mm	11	400	<b>23.00</b>								
MC1P1HRP3X7I	25x7	1x7mm	11	160	<b>23.60</b>								
NC1P1TCM002I	20	¾	11	80	<b>73.40</b>	 <b>Tank Connector (MT/MT)</b>	FCP0WMS0004I	20x15	¾x½		10	<b>396.40</b>	 <b>Wall Mixer Fixture Set (Top &amp; Bottom)</b>
NC1P1TCM003I	25	1	11	50	<b>142.30</b>		FCP0WMS0005I	25x15	1x½		10	<b>577.30</b>	
NC1P1TCM004I	32	1¼	11	30	<b>209.60</b>								
NC1P1TCR001I	15	½	11	100	<b>64.80</b>	 <b>Tank Connector (MT/FT)</b>	FCP0BPB009EW	25	1	11	50	<b>139.10</b>	 <b>Bypass Bend (F)</b>
NC1P1TCR002I	20	¾	11	80	<b>70.50</b>		FCP0BPB010EW	32	1¼	11	30	<b>229.90</b>	
NC1P1TCR003I	25	1	11	50	<b>105.40</b>		FCP0BPB011EW	40	1½	11	20	<b>358.50</b>	
NC1P1TCR004I	32	1¼	11	30	<b>154.30</b>		FCP0BPB012EW	50	2	11	35	<b>649.20</b>	
NC1P1TCR005I	40	1½	11	20	<b>239.70</b>								
NC1P1TCS002I	20	¾	11	100	<b>65.40</b>	 <b>Tank Connector (MT/Soc)</b>	MC1P1LSB002I	20	¾	11	100	<b>41.70</b>	 <b>Long Swept Bend</b>
NC1P1TCS003I	25	1	11	50	<b>116.80</b>		MC1P1LSB003I	25	1	11	120	<b>55.60</b>	
NC1P1TCS004I	32	1¼	11	25	<b>154.30</b>		MC1P1LSB004I	32	1¼	11	75	<b>111.30</b>	
NC1P1TCS005I	40	1½	11	50	<b>187.80</b>		MC1P1LSB005I	40	1½	11	45	<b>183.20</b>	
NC1P1TCS006I	50	2	11	30	<b>278.20</b>								
FCP0RTC001EW	50	2 (F)	11	25	<b>551.90</b>	 <b>Tank Connector (for R.C.C. tank) (MT/Spig) (F)</b>	FCP0BNS001EW	15	½	11	125	<b>26.20</b>	 <b>Bend (F)</b>
NC1P1TCL002I	20	¾	11	60	<b>86.20</b>	FCP0BNS002EW	20	¾	11	75	<b>47.30</b>		
NC1P1TCL003I	25	1	11	100	<b>152.90</b>	FCP0BNS003EW	25	1	11	100	<b>107.10</b>		
NC1P1TCL004I	32	1¼	11	50	<b>260.10</b>	FCP0BNS004EW	32	1¼	11	50	<b>118.40</b>		
NC1P1TCL005I	40	1½	11	40	<b>386.80</b>	FCP0BNS005EW	40	1½	11	30	<b>185.00</b>		
NC1P1TCL006I	50	2	11	25	<b>491.00</b>	FCP0BNS006EW	50	2	11	50	<b>386.40</b>		
	*20	¾	11			 <b>Tank Connector with Union (MT/Soc)</b>	FCP0SB9001EW	25	1	11	125	<b>82.80</b>	 <b>Short Bend (F)</b>
	*25	1	11										
	*32	1¼	11										
NC1P1UTC005I	40	1½	11	30	<b>522.00</b>								
MC1P1WMF002I	20x15	¾x½		20	<b>142.00</b>	 <b>Wall Mixer Fixture</b>	4100339	15	½			<b>8.10</b>	 <b>Metal Clamp (Second Sale)</b>
FCP0WMS0001I	20x15	¾x½		10	<b>400.60</b>	4100340	20	¾			<b>9.30</b>		
FCP0WMS0002I	25x15	1x½		10	<b>581.40</b>	4100341	25	1			<b>11.00</b>		
						4100342	32	1¼			<b>11.50</b>		
						4100343	40	1½			<b>13.10</b>		
						4100344	50	2			<b>15.00</b>		

Pipes and fitting offered upto 50mm (2") are as per CTS standards. F-Fabricated, SDR-Standard dimension ratio (Pressure class).  
\*Marked product will be shortly introduced

## THE SYSTEM

C-PVC (Chlorinated Polyvinyl Chloride) has become a popular choice because of its superior material properties like high glass transition temperature, higher heat distortion temperature, extraordinary mechanical properties and chemical inertness together with its cost effectiveness. Supreme Lifelineplus C-PVC manufactured using world's best Japanese material and technology, is an ideal solution for hot and cold water, transportation of different chemicals and various other applications in industrial sector. This system is one of the best substitutes for GI and other metal piping systems being used for industrial applications. Choice of the raw material and strict quality control in production, gives these products a high degree of reliability which makes Lifelineplus C-PVC a preferred choice of quality conscious customers.

To meet the industrial requirements, pipes and fittings are made available up to 250mm dia (10") in IPS (Iron Pipe Size) series. Both the pipes and fittings are available in SCH 40 and SCH 80 pressure class. Pipes are made as per the ASTM F441 whereas the fittings are made as per ASTM F438 and F 439.

## Fields of application

Supreme Lifelineplus C-PVC piping system is an ideal choice for Metal industries and treatment plants, Paper and pulp industries, Chemical, Fertilizer and Pharmaceutical industries, Food and beverage industries, Water and waste water treatment plants, Sugar and cement industries, RO plants etc.

## FEATURES AND BENEFITS

- Excellent resistance to corrosion and chemical attacks
- Superior insulation properties- Low coefficient of thermal conductivity hence less insulation cost.
- Excellent temperature resistance up to 93°C
- Resistant to fire
- Use of NSF approved international quality raw material and availability of own manufactured NSF approved solvent cements
- Simple and leak proof joints
- Maintenance free
- Long service life



## PIPES

Pipe dimensions and pressure rating chart as per ASTM F-441 (IPS series)

Nominal size		Outer diameter (mm)		Schedule 40			Schedule 80		
				EX.FAC	Working pressure at		EX.FAC	Working pressure at	
mm	inch	Min	Max		Per Mtr	23°C		82°C	Per Mtr
65	2½	72.84	73.20	1258.00	21.10	5.20	1715.00	29.50	7.30
80	3	88.70	89.10	1635.00	18.20	4.50	2314.00	26.00	6.30
100	4	114.07	114.53	2326.00	15.40	3.80	3433.00	22.50	5.60
150	6	168.02	168.58	4988.00	12.65	3.16	7525.00	19.68	4.92
200	8	218.72	219.48	7525.00	11.24	2.81	12535.00	17.57	4.21
250	10	272.72	273.48	10193.00	9.84	2.46	16857.00	16.17	3.86

**Note :** • Recommended de-rating factors should be applied before selecting any component for particular temperature and pressure. • C-PVC is not suitable or recommended for polar organic solvents and compressed air applications. • Max. allowable pressure for flanged connections is 10kg/cm<sup>2</sup>.

## FITTINGS

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
MC1P4CPL007I	65	2½	40	15	<b>402.00</b>
MC1P4CPL008I	80	3	40	10	<b>557.80</b>
MC1P4CPL009I	100	4	40	14	<b>900.00</b>
MC1P8CPL007I	65	2½	80	15	<b>628.70</b>
MC1P8CPL008I	80	3	80	8	<b>893.00</b>
MC1P8CPL009I	100	4	80	9	<b>1386.80</b>
MC1P8CPL010I	150	6	80	3	<b>3551.20</b>
MC1P8CPL011I	200	8	80	3	<b>8433.60</b>



**Coupler**

MC1P4ELB007I	65	2½	40	8	<b>689.90</b>
MC1P4ELB008I	80	3	40	10	<b>1075.20</b>
MC1P4ELB009I	100	4	40	5	<b>1869.50</b>



**Elbow 90°**

MC1P8ELB007I	65	2½	80	8	<b>1011.30</b>
MC1P8ELB008I	80	3	80	10	<b>1574.60</b>
MC1P8ELB009I	100	4	80	4	<b>2620.60</b>
MC1P8ELB010I	150	6	80	2	<b>6793.60</b>
MC1P8ELB011I	200	8	80	1	<b>14018.50</b>

MC1P8BDF007I	65	2½	80	10	<b>915.30</b>
MC1P8BDF008I	80	3	80	6	<b>1226.90</b>
MC1P8BDF009I	100	4	80	2	<b>2342.40</b>
MC1P8BDF010I	150	6	80	2	<b>5927.70</b>



**Elbow 45°**

MC1P4TEE007I	65	2½	40	5	<b>969.50</b>
MC1P4TEE008I	80	3	40	8	<b>1466.10</b>
MC1P4TEE009I	100	4	40	3	<b>2453.70</b>



**Equal Tee**

MC1P8TEE007I	65	2½	80	5	<b>1382.70</b>
MC1P8TEE008I	80	3	80	7	<b>2033.60</b>
MC1P8TEE009I	100	4	80	3	<b>3373.20</b>
MC1P8TEE010I	150	6	80	2	<b>8586.60</b>
MC1P8TEE011I	200	8	80	1	<b>16938.20</b>

MC1P8RT10X8I	150x80	6x3	80	2	<b>6340.20</b>
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**Reducing Tee**

MC1P81RT7X3I	65x25	2½x1	80/11	6	<b>770.60</b>
MC1P81RT7X4I	65x32	2½x1¼	80/11	8	<b>646.80</b>
MC1P81RT7X5I	65x40	2½x1½	80/11	8	<b>653.80</b>
MC1P81RT7X6I	65x50	2½x2	80/11	5	<b>799.80</b>
MC1P81RT8X6I	80x50	3x2	80/11	4	<b>1110.00</b>
MC1P81RT9X3I	100x25	4x1	80/11	8	<b>1808.30</b>
MC1P81RT9X6I	100x50	4x2	80/11	6	<b>2181.10</b>
FCPORET014EW	65x20	2½x¾	80/11	15	<b>1217.10</b>



**Reducing Tee (IPS x CTS)**

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
FCPORET021EW	80x25	3x1	80	25	<b>2075.40</b>
FCPORET022EW	80x32	3x1¼	80	25	<b>2337.40</b>
FCPORET017EW	80x40	3x1½	80	25	<b>1883.40</b>
FCPORET012EW	80x65	3x2½	80	20	<b>2046.20</b>
FCPORET032EW	100x32	4x1¼	80	15	<b>2196.40</b>
FCPORET018EW	100x40	4x1½	80	15	<b>2288.20</b>
FCPORET023EW	100x65	4x2½	80	10	<b>3853.10</b>
FCPORET024EW	100x80	4x3	80	10	<b>3784.90</b>



**Reducing Tee (F)**

NC1P8UNI007I	65	2½	80	6	<b>1869.50</b>
NC1P8UNI008I	80	3	80	3	<b>2541.40</b>
NC1P8UNI009I	100	4	80	2	<b>3867.00</b>



**Union**

MC1P8RED8X7I	80x65	3x2½	80	10	<b>667.70</b>
MC1P8RED9X7I	100x65	4x2½	80	4	<b>1201.80</b>
MC1P8RED9X8I	100x80	4x3	80	12	<b>1139.20</b>
MC1P8REDSX9I	150x100	6x4	80	5	<b>3310.60</b>
MC1P8REDESI	200x150	8x6	80	2	<b>6425.00</b>



**Reducer**

MC1P81RD7X2I	65x20	2½x¾	11/80	20	<b>374.20</b>
MC1P81RD7X4I	65x32	2½x1¼	11/80	20	<b>379.70</b>
MC1P81RD7X6I	65x50	2½x2	11/80	15	<b>478.30</b>
MC1P81RD8X6I	80x50	3x2	11/80	12	<b>613.40</b>
MC1P81RD9X6I	100x50	4x2	11/80	6	<b>1089.20</b>



**Reducer (IPS x CTS)**

FCPORED018EW	150x100	6x4	40	10	<b>2815.40</b>
FCPORED004EW	65x40	2½x1½	80		<b>715.00</b>
FCPORED005EW	65x50	2½x2	80		<b>721.90</b>
FCPORED019EW	80x32	3x1¼	80	20	<b>876.30</b>
FCPORED015EW	80x40	3x1½	80		<b>879.10</b>
FCPORED016EW	80x50	3x2	80		-
FCPORED006EW	100x40	4x1½	80	15	<b>1542.60</b>
FCPORED017EW	100x65	4x2½	80		-



**Reducer (F)**

MC1P8ECP007I	65	2½	80	20	<b>410.30</b>
MC1P8ECP008I	80	3	80	12	<b>606.50</b>
MC1P8ECP009I	100	4	80	8	<b>1053.00</b>
MC1P8ECP010I	150	6	80	5	<b>2340.00</b>



**End Cap**

MC1P81RB7X6I	65x50	2½x2	80/11	30	<b>402.00</b>
MC1P81RB8X6I	80x50	3x2	80/11	20	<b>403.40</b>
MC1P81RB9X6I	100x50	4x2	80/11	9	<b>876.50</b>



**Reducing Bush (IPS x CTS)**

MC1P8REB8X5I	80x40	3x1½	80	10	<b>466.00</b>
MC1P8REB8X7I	80x65	3x2½	80	12	<b>520.20</b>
MC1P8REB9X6I	100x50	4x2	80	12	<b>756.70</b>
MC1P8REB9X7I	100x65	4x2½	80	12	<b>801.20</b>
MC1P8REB9X8I	100x80	4x3	80	12	<b>918.10</b>
MC1P8REBXT9I	150x100	6x4	80	3	<b>3259.10</b>



**Reducing Bush**

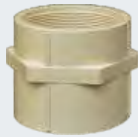
Pipes and fitting offered from 65 to 200mm (2½" to 8") are in SCH 40 & 80 which are as per IPS pipe size (inch series like aqua Gold®). SCH-Schedule (Pressure class), F-Fabricated, SDR-Standard dimension ratio (Pressure class)

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
MC1P8MTA007I	65	2½	80	15	562.00
MC1P8MTA008I	80	3	80	12	982.00
MC1P8MTA009I	100	4	80	12	1519.00



**MTA** (Plastic)

MC1P8FTA007I	65	2½	80	12	507.70
MC1P8FTA008I	80	3	80	12	769.20
MC1P8FTA009I	100	4	80	4	1283.90



**FTA** (Plastic)

MC2P8MTA007I	65	2½	80	6	1929.30
MC2P8MTA008I	80	3	80	3	2974.00
MC2P8MTA009I	100	4	80	2	6676.80



**MTA** (Brass)

MC2P8FTA007I	65	2½	80	6	1276.90
MC2P8FTA008I	80	3	80	4	1630.30
MC2P8FTA009I	100	4	80	2	4173.00



**FTA** (Brass)

MC1P8FLA007I	65	2½	80	6	1271.40
MC1P8FLA008I	80	3	80	5	1450.80
MC1P8FLA009I	100	4	80	6	2370.30
MC1P8FLA010I	150	6	80	3	3302.20



**Flange Adapter**

NC1P8FVS007I	65	2½	80	6	1274.20
NC1P8FVS008I	80	3	80	5	1559.30
NC1P8FVS009I	100	4	80	8	2336.90
NC1P8FVS011I	200	8	80	2	7414.00



**Flange Van Stone Style**

Item Code	Size in mm	Size in inch	SCH	Box Qty.	EX.FAC
MC1P8BFL007I	65	2½	80	12	1349.30
MC1P8BFL008I	80	3	80	10	1646.90
MC1P8BFL009I	100	4	80	3	2687.40



**Blind Flange**

NC1P8BLV007I	65	2½	80	1	8411.40
NC1P8BLV008I	80	3	80	1	11228.20



**Ball Valve**

NC1P8BVUN07I	65	2½	80	4	8067.80
NC1P8BVUN08I	80	3	80	3	10810.80



**Ball Valve with Union**

NC2P8YST007I	65	2½	80	1	7222.10
NC2P8YST008I	80	3	80	1	10449.20



**Y Strainer**

FCP0RTC002EW	65	2½	80	15	950.10
FCP0RTC003EW	80	3	80	10	1443.90
FCP0RTC004EW	100	4	80	8	2570.60



**Tank Connector (for R.C.C. tank) (MT/Spig) (F)**

FCP0BNS007EW	65	2½	40	15	1331.20
FCP0BNS008EW	80	3	40	10	1921.00
FCP0BNS009EW	100	4	40	4	3398.20
FCP0BNS012EW	150	6	40	1	15161.90



**Bend (F)**

Pipes and fitting offered from 65 to 200mm (2½" to 8") are in SCH 40 & 80 which are as per IPS pipe size (inch series like aqua Gold®). SCH-Schedule (Pressure class), F-Fabricated, SDR-Standard dimension ratio (Pressure class).

## C-PVC SOLVENT CEMENT

Item Code	Size	Box qty.	EX.FAC
SBCPVCMD0015	15ml (tube)	24	27.00
SBCPVCMD0030	30ml (tube)	24	45.00
SBCPVCMD0060	60ml (tube)	24	73.00
SBCPVCMD0061	60ml	48	90.00
SBCPVCMD0100	100ml	24	128.00
SBCPVCMD0250	250ml	24	260.00
SBCPVCMD0500	500ml	12	475.00
SBCPVCMD1000	1000ml	6	930.00



**Medium Bodied**

## PRIMER

SBPRIMER0100	100ml	24	85.00
SBPRIMER0250	250ml	24	168.00
SBPRIMER0500	500ml	12	305.00
SBPRIMER1000	1000ml	6	560.00



**Primer**

## C-PVC SOLVENT CEMENT

Item Code	Size	Box qty.	EX.FAC
SBCPVCHD0015	15ml (tube)	24	28.00
SBCPVCHD0030	30ml (tube)	24	45.00
SBCPVCHD0060	60ml (tube)	24	75.00
SBCPVCHD0061	60ml	48	90.00
SBCPVCHD0100	100ml	24	123.00
SBCPVCHD0250	250ml	24	265.00
SBCPVCHD0500	500ml	12	500.00
SBCPVCHD1000	1000ml	6	950.00



**Heavy Bodied**

## THE SYSTEM

Designed for hot and cold water application, Supreme indo green® PP-R is the latest and most suitable system for all plumbing applications. Besides plumbing, this system can also be used for varieties of applications. The specific chemical structure of indo green® PP-R provides well balanced mechanical properties and superior long term heat resistance. More importantly, the water flowing through it does not have any negative biological effects and hence remain most hygienic. Thus, it is highly suitable for potable water application. The system has been in use for more than 30 years in Europe, Gulf, China Russia and gained good acceptance across the world.

### Raw Material

The Supreme indo green® pipes and fittings are manufactured using polypropylene random copolymer type-3 (PP-R), supplied by the reputed European companies which has Bodycote certification - an independent International testing body certifying the long term performance of raw material. It has high molecular weight and excellent creep resistance which are fundamental characteristics for the transportation of hot fluids under pressure.

### Product Specifications and Range

Supreme indo green® PP-R pipes are manufactured according to IS:15801 whereas fittings are manufactured as per ISO:15874 standards. The pipes and fittings in this category are available in the dimensions from 20 to 160mm. Pipes are supplied in 3m length in SDR-11, 7.4 and 6 pressure class, whereas moulded fittings are available in the highest PN20 or PN25 pressure class. 160 mm fittings are also available in PN10 and PN16 class. All threaded inserts in the transition fittings are made of brass to withstand chemical corrosion at elevated temperatures. Supreme indo green® PP-R pipes are UV-resistant making them immune to damaging effects of sun rays.

## FEATURES AND BENEFITS

**Light weight, easy and quick assembly** - Results in extensive saving in time and labour.

**Ideal and safest system for carrying potable water** - PP-R is absolutely free from corrosion and negative biological effects. It does not break down even under the harshest water conditions; hence the quality of water never deteriorates. It is in full compliance with the International standards on the use of plastics materials for the transportation of potable water.

**Safe and watertight joints** - Joints are made by fusion process using polyfusion device. This process gives homogeneous, integral and watertight joints, which lasts for long time.

**Excellent resistance to corrosion and chemical attacks** - PP-R pipes and fittings are stable against the majority of known aggressive and toxic chemicals, aggressive soils and fluids in the external environment.

**Reduced head loss** - Mirror smooth inside surface ensures high flow rates and very low frictional losses.

**Low thermal conductivity** - Results in saving .in insulation cost, thereby reducing overall operational costs.

**Free from scaling** - Due to the unique properties of PP-R, limestone or other deposits cannot form and hence there is no scaling or blockage in the pipelines.

**High impact strength** - indo green® PP-R has a very good impact strength and hence no possibility of any breakage.

**Low on sound** - The sound dampening property of PP-R is a major advantage in plumbing, flushing and pressurized flow applications.

**Long operational durability** - indo green® PP-R ensures a minimum 50 years of trouble free performance.

**Highly economical in long run** - This system is most cost effective than any other plumbing system. Moreover, due to savings in installation and insulation cost, this system is even comparable with standard make class-B GI piping system.

Beside the above, it offers very good resistance to frost, abrasion and stray current and is considered to be the most suitable in seismic zones.

### Distinguishing features of indo green® PP-R

Salient and unique features that set Supreme indo green® apart from other brands available in the market are: -

- Quality conformity with European and international standards.
- Manufactured from PP-R type-3, supplied by reputed European suppliers which have Bodycote (an independent international testing body) certification. Indigenously manufactured complete range of pipes and fittings from 20 to 160mm dia with necessary heating tools and accessories.
- Availability of fittings in PN20 pressure class.
- Long lasting - minimum 50 years of trouble free performance.

### Fields of Application

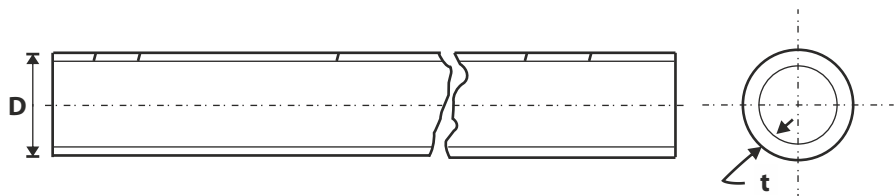
Indo green® PP-R is designed for hot and cold water supply and heating applications and it is suitable for different applications listed below.

- Hot and cold water supply in residential, industrial, commercial and public projects.
- Solar heater applications.
- Drinking water and liquid foods.
- Watering systems for greenhouses and gardens.
- Transportation of aggressive fluids.
- Water purifying plants.
- Radiator heating.
- Traditional heating systems.
- Air distribution and compressed air systems.
- Chilled water and air conditioning.





## PIPES






### Pipe Dimensions as per IS:15801 specifications





















Nominal Size (mm)	Outer Diameter (D) in mm		SDR-11 (PN 10)			SDR-7.4 (PN 16)			SDR-6 (PN 20)		
	Min	Max	Wall Thickness (t) in mm		EX.FAC 3 Mtr	Wall Thickness (t) in mm		EX.FAC 3 Mtr	Wall Thickness (t) in mm		EX.FAC 3 Mtr
20	20.0	20.3	1.90	2.30	-	2.80	3.30	183.70	3.40	4.00	209.00
25	25.0	25.3	2.30	2.80	-	3.50	4.10	283.80	4.20	4.90	322.30
32	32.0	32.3	2.90	3.40	-	4.40	5.10	456.50	5.40	6.20	529.10
40	40.0	40.4	3.70	4.30	-	5.50	6.30	684.20	6.70	7.60	797.50
50	50.0	50.5	4.60	5.30	-	6.90	7.80	1071.40	8.30	9.40	1237.50
63	63.0	63.6	5.80	6.60	1196.80	8.60	9.70	1651.10	10.50	11.80	1936.00
75	75.0	75.7	6.80	7.70	1776.50	10.30	11.60	2414.50	12.50	14.00	2715.90
90	90.0	90.9	8.20	9.30	2538.80	12.30	13.80	3426.50	15.00	16.70	3842.30
110	110.0	110.9	10.00	11.20	3763.10	15.10	16.90	5088.60	18.30	20.40	5820.10
160	160.0	161.5	14.60	16.30	10863.60	21.90	24.30	14538.70	26.60	29.50	17267.80

**Note:** (1.) Pipes are offered in indo green® (IG) colour with standard length of 3m, duly packed in plastic bags. (2.) Non standard length of 4m and 6m can be offered against bulk requirements. (3.) All dimensions unless otherwise specified are in mm. (4.) 160mm pipe is offered as per ISO:15874 standards.




















## FITTINGS

Item Code	Size in mm	PN	Box Qty.	EX.FAC		Item Code	Size in mm	PN	Box Qty.	EX.FAC	
MG1P2CPL020I	20	25	280	10.20	 <b>Coupler</b>	MG1P2TEE020I	20	25	140	16.40	 <b>Equal Tee</b>
MG1P2CPL025I	25	25	200	14.70		MG1P2TEE025I	25	25	200	30.90	
MG1P2CPL032I	32	25	300	26.40		MG1P2TEE032I	32	25	120	47.90	
MG1P2CPL040I	40	25	60	42.20		MG1P2TEE040I	40	25	30	87.30	
MG1P2CPL050I	50	25	40	77.40		MG1P2TEE050I	50	25	16	160.70	
MG1P2CPL063I	63	25	20	135.90		MG1P2TEE063I	63	25	10	300.70	
MG1P2CPL075I	75	20	12	265.80		MG1P2TEE075I	75	20	4	540.80	
MG1P2CPL090I	90	20	6	331.80		MG1P2TEE090I	90	20	6	1069.80	
MG1P2CPL110I	110	20	3	569.60		MG1P2TEE110I	110	20	3	1750.40	
MG1P2CPL160I	160	16	2	879.50		FGP6EQT160IG	160 (BW)	16	L	4537.50	
MG1P2ELB020I	20	25	600	13.80	MG1P2TEE160I	160	16	2	3130.00	 <b>*Reducing Tee</b>	
MG1P2ELB025I	25	25	280	23.70	MG1P2RTA025I	25x20x25	25	100	28.40		
MG1P2ELB032I	32	25	180	42.70	MG1P2RTB032I	32x20x32	25	60	53.70		
MG1P2ELB040I	40	25	90	76.60	MG1P2RTA032I	32x25x32	25	60	53.70		
MG1P2ELB050I	50	25	20	121.70	MG1P2RTC040I	40x20x40	25	40	99.30		
MG1P2ELB063I	63	20	12	218.50	MG1P2RTB040I	40x25x40	25	30	100.50		
MG1P2ELB075I	75	20	5	441.10	MG1P2RTA040I	40x32x40	25	40	100.50		
MG1P2ELB090I	90	20	3	768.50	MG1P2RTD050I	50x20x50	25	20	152.90		
MG1P2ELB110I	110	20	4	1333.80	MG1P2RTC050I	50x25x50	25	20	173.10		
	160 (BW)	16	L	-	MG1P2RTB050I	50x32x50	25	20	189.90		
MG1P2REA025I	25x20	25	120	25.90	MG1P2RTA050I	50x40x50	25	16	189.90		
MG1P2REB032I	32x20	25	80	66.40	MG1P2RTE063I	63x20x63	25	15	240.80		
MG1P2REA032I	32x25	25	50	68.10	MG1P2RTD063I	63x25x63	25	10	413.40		
MG1P2REB040I	40x25	20	50	71.50	MG1P2RTC063I	63x32x63	25	10	424.60		
MG1P2REA040I	40x32	20	50	75.70	MG1P2RTB063I	63x40x63	25	10	424.60		
MG1P2REB050I	50x32	20	40	97.70	MG1P2RTA063I	63x50x63	25	10	435.10		
MG1P2BDF020I	20	25	250	12.70	MG1P2RTD075I	75x32x75	20	9	496.00		
MG1P2BDF025I	25	25	160	24.00	MG1P2RTC075I	75x40x75	20	5	550.00		
MG1P2BDF032I	32	25	100	36.60	MG1P2RTB075I	75x50x75	20	5	550.00		
MG1P2BDF040I	40	25	50	66.10	MG1P2RTA075I	75x63x75	20	5	559.10		
MG1P2BDF050I	50	25	30	111.10	MG1P2RTC090I	90x50x90	20	6	875.20		
MG1P2BDF063I	63	20	12	197.30	MG1P2RTB090I	90x63x90	20	6	875.20		
MG1P2BDF075I	75	20	8	369.70	MG1P2RTA090I	90x75x90	20	6	907.90		
MG1P2BDF090I	90	20	4	604.90	MG1P2RTD110I	110x50x110	20	2	1272.30		
MG1P2BDF110I	110	20	2	1122.60	MG1P2RTC110I	110x63x110	20	2	1403.00		
MG1P2BDF160I	160	16	2	1994.50	MG1P2RTB110I	110x75x110	20	2	1545.40		
					MG1P2RTA110I	110x90x110	20	2	1728.80		
					MG1P2RTB160I	160 x 90 x 160	16	2	3705.00		
					MG1P2RTA160I	160 x 110 x 160	16	2	3652.00		

Except for flange adapter, bypass bend and male end of male/female reducer, all other fittings are female socketed. Threaded end of transition fittings are compatible with CP fittings. PN - Nominal Pressure, BW - Butt Welding \*Reducing elbow 40x20, 50x40, 63x50, 75x63, 90x75, reducing tee's 25 to 63 with 16 mm branch, 63x20, 75x20, 32, 90x20, 32, 40 and 110x32, 40, 50, 63 are available in fabricated form.













Item Code	Size in mm	PN	Box Qty.	EX.FAC		Item Code	Size in mm	PN	Box Qty.	EX.FAC	
MG1P2CRT020I	20	20	45	21.50	 <b>Cross Tee</b>	MG2P2FTT020I	20x15	25	100	75.90	 <b>Female Threaded Tee</b>
MG1P2CRT025I	25	20	20	32.90		MG2P2FTT021I	20x20	25	25	105.90	
MG1P2CRT032I	40	20	20	59.00		MG2P2FTT025I	25x15	25	80	84.20	
						MG2P2FTTH25I	25x15HW	25	80	108.20	
MG1P2RMA025I	25x20	25	100	10.50	 <b>Reducer Male/Female</b>	MG2P2FTT026I	25x20	25	25	116.90	 <b>Male Threaded Elbow 90°</b>
MG1P2RMB032I	32x20	25	100	18.20		MG2P2FTT034I	32x15	25	16	105.20	
MG1P2RMA032I	32x25	25	160	31.80		MG2P2FTT032I	32x20	25	16	147.00	
MG1P2RMC040I	40x20	25	50	33.60		MG2P2FTT033I	32x25	25	16	198.00	
MG1P2RMB040I	40x25	25	100	38.30		MG2P2MTE020I	20x15	25	100	80.40	 <b>Male Threaded Tee</b>
MG1P2RMA040I	40x32	25	100	39.20		MG2P2MTE021I	20x20	25	40	132.40	
MG1P2RMC050I	50x25	25	36	68.00		MG2P2MTE025I	25x15	25	40	107.70	
MG1P2RMB050I	50x32	25	40	72.60		MG2P2MTE026I	25x20	25	30	154.70	
MG1P2RMA050I	50x40	25	20	71.90		MG2P2MTE032I	32x20	25	20	169.50	 <b>Male Threaded Tee</b>
MG1P2RMD063I	63x25	20	20	73.20		MG2P2MTE033I	32x25	25	16	201.20	
MG1P2RMC063I	63x32	20	20	75.80		MG2P2MTE050I	50x32	25	5	489.50	
MG1P2RMB063I	63x40	20	36	133.20		MG2P2MTT020I	20x15	25	40	104.00	
MG1P2RMA063I	63x50	20	36	133.20		MG2P2MTT021I	20x20	25	20	146.10	 <b>Male Threaded Tee</b>
MG1P2RMB075I	75x50	20	10	147.70		MG2P2MTT025I	25x15	25	30	111.40	
MG1P2RMS075I	75x63	20	16	209.00		MG2P2MTT026I	25x20	25	25	154.00	
MG1P2RMB090I	90x63	20	10	211.80		MG2P2MTT032I	32x20	25	14	195.70	
MG1P2RMA090I	90x75	20	10	220.00	MG2P2MTT033I	32x25	25	12	207.70	 <b>Female Threaded Joint (FTA)</b>	
MG1P2RMB110I	110x75	20	12	584.40	MG2P2FTA020I	20x15	25	150	56.40		
MG1P2RMA110I	110x90	20	8	437.70	MG2P2FTA021I	20x20	25	50	94.20		
					MG2P2FTA025I	25x15	25	150	58.20		
MG1P2RFA025I	25x20	20	200	12.10	 <b>Reducer Female/Female</b>	MG2P2FTA026I	25x20	20	100	92.30	 <b>Male Threaded Joint (MTA)</b>
MG1P2RFA032I	32x20	20	150	19.00		MG2P2FTA031I	32x15	25	30	123.80	
MG1P2RFA033I	32x25	20	120	20.50		MG2P2FTA032I	32x20	25	30	138.60	
MG1P2RFB040I	40x25	20	70	43.00		MG2P2FTA033I	32x25	25	60	161.30	
MG1P2RFA040I	40x32	20	50	49.60		MG2P2FTA040I	40x32	25	40	316.30	 <b>Female Threaded Joint (FTA)</b>
MG1P2RFD050I	50x20	20	24	69.60		MG2P2FTA041I	40x40	25	12	358.90	
MG1P2RFB050I	50x32	20	24	66.10		MG2P2FTA050I	50x40	25	12	379.50	
MG1P2RFA050I	50x40	20	20	69.70		MG2P2FTA063I	63x50	25	8	844.30	
MG1P2RFE063I	63x20	20	30	102.60		MG2P2MTA020I	20x15	25	100	77.00	 <b>Male Threaded Joint (MTA)</b>
MG1P2RFB063I	63x40	20	15	111.50		MG2P2MTA021I	20x20	25	100	126.80	
MG1P2RFA063I	63x50	20	8	125.50		MG2P2MTA025I	25x15	25	100	76.00	
MG1P2RFD075I	75x32	20	20	179.70		MG2P2MTA026I	25x20	20	80	144.40	
MG1P2RFC090I	90x50	20	10	310.70		MG2P2MTA032I	32x20	25	30	211.60	 <b>Female Threaded Joint (FTA)</b>
MG1P2RFB090I	90x63	20	8	358.90		MG2P2MTA033I	32x25	25	50	225.90	
MG1P2RFC110I	110x63	20	6	622.30		MG2P2MTA040I	40x32	25	30	389.20	
MG1P2RFA110I	110x90	20	3	676.50		MG2P2MTA041I	40x40	20	6	533.50	
MG1PSRMB160I	160x90	16		936.40	MG2P2MTA050I	50x40	25	20	501.20	 <b>Male Threaded Joint (MTA)</b>	
MG1PTRMA160I	160x110	10	8	822.30	MG2P2MTA051I	50x50	20	6	679.30		
MG1PSRMA160I	160x110	16		897.90	MG2P2MTA063I	63x50	25	6	1133.80		
					MG2P2MTA075I	75x65	25	6	1804.00		
MG1P2ECP020I	20	25	400	12.20	 <b>End Cap</b>	MG2P2MTA090I	90x80	25	4	2750.00	 <b>M.T.A. (Plastic)</b>
MG1P2ECP025I	25	25	250	24.00		MG1P2MTA020I	20x15	20	200	24.80	
MG1P2ECP032I	32	25	160	27.90		MG1P2MTA021I	20x20	20	200	20.40	
MG1P2ECP040I	40	25	100	37.30		MG1P2MTA026I	25x20	20	150	30.30	
MG1P2ECP050I	50	20	63	63.30		MG1P2MTA032I	32x25	20	80	59.20	
MG1P2ECP063I	63	20	12	123.80		MG1P2MTA040I	40x32	20	40	115.50	
MG1P2ECP075I	75	20	20	173.00		MG1P2MTA050I	50x40	20	50	133.40	
MG1P2ECP110I	110	20	8	411.60		MG1P2MTA063I	63x50	20	20	258.50	
FGP2ECP075IG	75 (F)	20	25	242.00		 <b>Female Threaded Elbow 90°</b>	NG1P2UNI020I	20	20	75	96.00
FGP2ECP090IG	90 (F)	20	40	317.70			NG1P2UNI025I	25	20	60	150.00
FGP2ECP110IG	110 (F)	20	30	529.40	NG1P2UNI032I		32	20	30	180.00	
MG1P2ECP160I	160	16	3	801.00	 <b>Union (Plastic)</b>		NG2P2UNI020I	20	20	40	126.50
MG2P2FTE020I	20x15	25	150	61.90		NG2P2UNI025I	25	20	50	198.00	
MG2P2FTE021I	20x20	25	40	82.90		NG2P2UNI032I	32	20	40	313.50	
MG2P2FTE025I	25x15	25	100	90.30		NG2P2UNI040I	40	20	10	477.20	
MG2P2FTEH25I	25x15HW	25	100	90.30	 <b>Union</b>	NG2P2UNI050I	50	20	6	742.50	
MG2P2FTE026I	25x20	25	75	111.40		NG2P2UNI063I	63	20	4	1361.30	
MG2P2FTE031I	32x15	25	75	95.30							
MG2P2FTE032I	32x20	25	20	129.90							
MG2P2FTE033I	32x25	25	50	188.40							
MG2P2FTE040I	40x32	25	10	361.40							
MG2P2FTE041I	40x40	25	10	391.90							
MG2P2FTE051I	50x40	25	8	643.50							
MG2P2FTE019I	20x15	25	50	89.70	 <b>Female Threaded Elbow 90° with supporting device</b>						

Except for flange adapter, bypass bend and male end of male/female reducer, all other fittings are female socketed. Threaded end of transition fittings are compatible with CP fittings. PN - Nominal Pressure, BW - Butt Welding.

Item Code	Size in mm	PN	Box Qty.	EX.FAC		Item Code	Size in mm	PN	Box Qty.	EX.FAC		
MG2P2UFT020I	20x15	20	50	137.50	 <p><b>Union - Female Threaded</b></p>	MG1P2FLA040I	40	20	10	72.20	 <p><b>Flange Adapter</b></p>	
MG2P2UFT026I	25x20	20	40	228.30		MG1P2FLA050I	50	20	10	109.80		
MG2P2UFT032I	32x25	20	24	372.70		MG1P2FLA063I	63	20	6	162.00		
MG2P2UFT040I	40x32	20	12	552.80		MG1P2FLA075I	75	20	4	253.40		
						MG1P2FLA090I	90	20	6	437.30		
						MG1P2FLA110I	110	20	4	640.80		
						MG1P2FLA161I	160 (BW)	20	6	1474.00		
												Note: This adapter require metal flange and as it comes with spigot end, it require coupler to connect pipe.
MG2P2UMT020I	20x15	20	50	171.90	 <p><b>Union - Male Threaded</b></p>	MG1P2FAS040I	40	20	30	50.50	 <p><b>Flange Adapter (Soc)</b></p>	
MG2P2UMT026I	25x20	20	40	297.00		MG1P2FAS050I	50	20	20	79.80		
MG2P2UMT034I	32x25	20	21	495.00		MG1P2FAS063I	63	20	14	127.60		
MG2P2UMT040I	40x32	20	10	808.50		MG1P2FAS075I	75	20	16	215.10		
						MG1P2FAS090I	90	20	10	280.00		
						MG1P2FAS110I	110	20	8	391.60		Note: This adapter require metal flange.
MG2P2UNS020I	20	20	25	250.30	 <p><b>Union (SxS)</b></p>	MG1P2FLG160I	160		11	742.50	 <p><b>PPR-Flange</b></p>	
MG2P2UNS025I	25	20	20	442.80								
MG2P2UNS032I	32	20	20	643.50								
MG2P2FTU020I	20x15	20	50	195.30	 <p><b>Union - Female Threaded (SxFT)</b></p>	NG2P2BVL020I	20	20	8	433.20	 <p><b>Ball Valve</b></p>	
MG2P2FTU025I	25x20	20	40	240.70		NG2P2BVL025I	25	20	16	556.90		
MG2P2FTU032I	32x25	20	25	378.20		NG2P2BVL032I	32	20	14	687.50		
						NG2P2BVL040I	40	20	4	1753.20		
						NG2P2BVL050I	50	20	4	2378.80		
						NG2P2BVL063I	63	20	2	3506.30		
NG2P2MTU020I	20x15	20	40	213.20	 <p><b>Union - Male Threaded (SxMT)</b></p>	NG2P2CVF025I	25	20	10	1113.80	 <p><b>Concealed Valve</b></p>	
NG2P2MTU025I	25x20	20	30	299.80		NG2P2CVF032I	32	20	10	1347.50		
NG2P2MTU032I	32x25	20	20	495.00								
MG1P2SSW063I	63x32	20	40	34.00	 <p><b>All Plastic Weld in Saddle</b></p>	MG2P2STH020I	20	20	10	632.50	 <p><b>Screw Tap with Handwheel</b></p>	
MG1P2SSW075I	75x32	20	40	34.00		MG2P2STH025I	25	20	10	756.30		
MG1P2SSW090I	90x32	20	40	34.00		MG2P2STH032I (Standard)	32	20	10	825.00		
MG1P2PWS110I	110x40	20	15	75.70		MG2P2STL025I	25	20	10	783.80		
MG1P2PWS111I	110x50	20	15	82.50		MG2P2STL032I (Long)	32	20	10	852.50		
MG1P2PWS160I	160x50	20	15	90.00								
MG2P2SSF063I	63x20	20	20	93.50	 <p><b>Weld in Saddle - Female Threaded</b></p>	NG1P2TCR001I	15	20	100	37.20	 <p><b>Tank Connector (MT/FT)</b></p>	
MG2P2SSF075I	75x20	20	20	93.50		NG1P2TCR002I	20	20	80	57.80		
MG2P2SSF090I	90x20	20	20	93.50		NG1P2TCR003I	25	20	50	77.00		
						NG1P2TCR004I	40	20	30	110.00		
						NG1P2TCR005I	50	20	25	140.30		
MG2P2SSM063I	63x20	20	20	145.80	 <p><b>Weld in Saddle - Male Threaded</b></p>	FGP2TCL021IG	20	20	100	41.30	 <p><b>Tank Connector Long (MT/Spig) (F)</b></p>	
MG2P2SSM075I	75x20	20	20	145.80		FGP2TCL026IG	25	20	75	61.90		
MG1P2SSM090I	90x20	20	20	145.80		FGP2TCL033IG	32	20	50	89.40		
						FGP2TCL040IG	40	20	20	110.00		
						FGP2TCL050IG	50	20	15	151.30		
						FGP2TCL063IG	63	20	9	233.80		
MG2P2FLA063I	63	20	4	556.90	 <p><b>Adapter with Integral Flange</b></p>	MG1P2BPB020I	20	20	60	48.20	 <p><b>Bypass Bend</b></p>	
MG2P2FLA075I	75	20	4	627.00		MG1P2BPB025I	25	20	40	68.80		
MG2P2FLA090I	90	20	5	822.30		MG1P2BPB032I	32	20	20	144.40		
MG2P2FLA110I	110	20	4	1058.80								
						MG1P2CTP001I	15	20	270	15.70	 <p><b>Circuit Testing Plug</b></p>	
						MG1P2CTP002I	20	20	80	20.90		

Note: This adapter does not require metal flange and as it comes with socketed end, it do not require coupler to connect pipe.

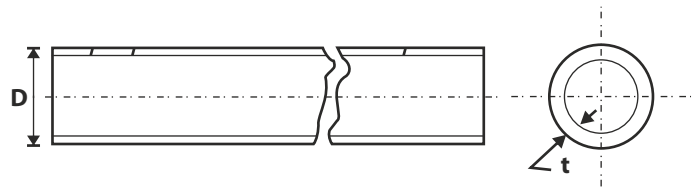
Except for flange adapter, bypass bend and male end of male/female reducer, all other fittings are female socketed. Threaded end of transition fittings are compatible with CP fittings. PN - Nominal Pressure, F- Fabricated, S-Socket, MT- Male Thread, FT- Female Thread, Spg- Spigot.

Item Code	Size in mm	PN	Box Qty.	EX.FAC		Item Code	Size in mm	PN	Box Qty.	EX.FAC	
MG1P2TPG001I	15	20	900	10.30	 <b>Threaded Plug</b>	FGP2BN9020IG	20	20	125	34.40	 <b>Bend 90° (F)</b>
MG1P2TPG002I	20	20	1000	20.00		FGP2BN9025IG	25	20	100	57.80	
MG1P2TPG003I	25	20	400	45.00		FGP2BN9032IG	32	20	40	112.80	
					FGP2BN9040IG	40	-	-	--		
MG1P2HRP007I	7		50	9.70	 <b>Hole Repairing Plug</b>	FGP2SB1110IG	110 mm 11.25°	20	L	1626.70	 <b>Short Bend (BW)</b>
MG1P2HRP011I	11		50	13.80		FGP6SB1160IG	160 mm 11.25°	16	L	3099.30	
					FGP2SB2110IG	110 mm 22.5°	20	L	1658.30		
					FGP6SB2160IG	160 mm 22.5°	16	L	3099.30		
					FGP2SB3110IG	110 mm 30°	20	L	1658.30		
					FGP6SB3160IG	160 mm 30°	16	L	3099.30		
					FGP2SB4110IG	110 mm 45°	20	L	2289.40		
					FGP6SB4160IG	160 mm 45°	16	L	3437.50		
MG1P2PCL020I	20		500	4.50	 <b>Pipe Clip (Plastic)</b>	FGP2SB6110IG	110 mm 60°	20	L	2447.50	
MG1P2PCL025I	25		400	4.70		FGP6SB6160IG	160 mm 60°	16	L	3506.30	
MG1P2PCL032I	32		320	4.80							
MG1P2PCL040I	40		240	6.20							
MG1P2PCL050I	50		90	10.90							
MG1P2PCL063I	63		30	22.30							
4100349	72-78			52.00	 <b>Metal Clamp with Rubber Seal (Second Sale)</b>	FGP1BPB020IG	20	20	75	44.40	 <b>Bypass Bend (F)</b>
4100616	102-116			68.00		FGP1BPB025IG	25	20	50	61.40	
					FGP1BPB032IG	32	20	35	113.70		
					FGP1BPB040IG	40	20	20	236.00		
										Bend 90° in PN 20 pressure class are offered in 20mm to 63mm sizes.	
FGP2EXL020IG	20	20	10	123.80	 <b>Expansion Loop (F)</b>	FGP2OSB020IG	20	20	75	59.20	 <b>Offset Bend (F)</b>
FGP2EXL025IG	25	20	8	181.50		FGP2OSB025IG	25	20	75	77.70	
FGP2EXL032IG	32	20	5	279.20		FGP2OSB032IG	32	20	30	141.70	
FGP2EXL040IG	40	20	1	544.50							
FGP2CTP032IG	32	20	100	38.50	 <b>Circuit Testing Plug (F)</b>	MG2P2BVH020I	20	-	-	27.50	 <b>Ball Valve Handle</b>
FGP2CTP040IG	40	20	1	68.80		MG2P2BVH025I	25	-	-	27.50	
FGP2CTP050IG	50	20	40	96.30		MG2P2BVH032I	32	-	50	38.50	
FGP2CTP063IG	63	20	-	156.80		MG2P2BVH040I	40	-	50	66.00	
						MG2P2BVH050I	50	-	50	66.00	
					MG2P2BVH063I	63	-	50	88.00		
FGP2SB9110IG	110 mm 90°	20	30	3001.70	 <b>Short Bend (BW)</b>						
FGP2SB9160IG	160 mm 90°	20	1	4950.00							

Except for flange adapter, bypass bend and male end of male/female reducer, all other fittings are female socketed. Threaded end of transition fittings are compatible with CP fittings. PN - Nominal Pressure, BW - Butt welding, F- Fabricated, MT- Male Thread, FT- Female Thread, Spg- Spigot



**PIPES**












PP-R Pipe Dimensions Chart

Nominal Size (mm)	Outer Diameter (D) in mm		SDR-6 (PN 20)
	Min	Max	EX.FAC 3 Mtr
25	25.00	25.30	325.50
32	32.00	32.30	534.50
40	40.00	40.40	805.50
50	50.00	50.50	1263.00
63	63.00	63.60	1975.00


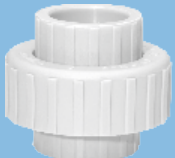















**Note:** Pipes are offered in white colour with standard length of 3m, duly packed in plastic bags.

**FITTINGS**

Item Code	Size in mm	PN	Box Qty.	EX.FAC		Item Code	Size in mm	PN	Box Qty.	EX.FAC	
MG1P2CPL025W	25	20	200	17.00	 <b>Coupler</b>	MG1P2RTA025W	25x20	20	100	29.20	 <b>Reducing Tee</b>
MG1P2CPL032W	32	20	300	27.20		MG1P2RTB032W	32x20	20	60	55.30	
MG1P2CPL040W	40	20	60	43.50		MG1P2RTA032W	32x25	20	60	57.30	
MG1P2CPL050W	50	20	40	80.40		MG1P2RTC040W	40x20	20	40	102.30	
MG1P2CPL063W	63	20	20	141.00		MG1P2RTB040W	40x25	20	30	103.50	
						MG1P2RTA040W	40x32	20	20	103.50	
MG1P2ELB025W	25	20	280	24.40	 <b>Elbow 90°</b>	MG1P2RTD050W	50x20	20	20	157.50	
MG1P2ELB032W	32	20	180	44.00		MG1P2RTC050W	50x25	20	20	178.30	
MG1P2ELB040W	40	20	90	78.90		MG1P2RTB050W	50x32	20	20	196.60	
MG1P2ELB050W	50	20	20	126.60		MG1P2RTA050W	50x40	20	16	201.30	
MG1P2ELB063W	63	20	12	226.80		MG1P2RTE063W	63x20	20	15	243.10	
						MG1P2RTD063W	63x25	20	10	425.80	
MG1P2REA025W	25x20	20	120	26.60	 <b>Reducing Elbow</b>	MG1P2RTC063W	63x32	20	10	437.30	
MG1P2REB032W	32x20	20	80	68.40		MG1P2RTB063W	63x40	20	10	437.30	
MG1P2REA032W	32x25	20	50	71.20		MG1P2RTA063W	63x50	20	10	448.20	
MG1P2REB040W	40x25	20	50	73.70							
MG1P2REA040W	40x32	20	50	77.90		MG1P2CRT025W	25	20	70	33.90	
MG1P2REB050W	50x32	20	40	106.60		MG1P2CRT032W	32	20	40	60.70	
MG1P2BDF025W	25	20	160	24.70	 <b>Elbow 45°</b>						 <b>Cross Tee</b>
MG1P2BDF032W	32	20	100	37.70		MG1P2RMA025W	25x20	20	100	10.80	
MG1P2BDF040W	40	20	50	68.10		MG1P2RMB032W	32x20	20	100	18.80	
MG1P2BDF050W	50	20	30	114.40		MG1P2RMA032W	32x25	20	160	32.80	
MG1P2BDF063W	63	20	12	203.20		MG1P2RMA040W	40x20	20	50	34.60	
						MG1P2RMB040W	40x25	20	100	40.00	
MG1P2TEE025W	25	20	200	35.20	 <b>Equal Tee</b>	MG1P2RMA040W	40x32	20	100	40.40	
MG1P2TEE032W	32	20	120	51.00		MG1P2RMC050W	50x25	20	36	70.00	
MG1P2TEE040W	40	20	30	88.90		MG1P2RMC050W	50x32	20	40	74.80	
MG1P2TEE050W	50	20	16	167.10		MG1P2RMC050W	50x40	20	20	74.10	
MG1P2TEE063W	63	20	10	311.80		MG1P2RMD063W	63x25	20	20	75.40	
						MG1P2RMC063W	63x32	20	20	78.10	
					MG1P2RMB063W	63x40	20	36	137.20	 <b>Reducer Male/Female</b>	
					MG1P2RMA063W	63x50	20	36	137.30		
					MG1P2RFA025W	25x20	20	200	12.50		
					MG1P2RFB032W	32x20	20	150	19.50		
					MG1P2RFA033W	32x25	20	120	21.10		
					MG1P2RFB040W	40x25	20	70	44.30		
					MG1P2RFA040W	40x32	20	50	51.10	 <b>Reducer Female/Female</b>	
					MG1P2RFD050W	50x20	20	24	82.20		
					MG1P2RFB050W	50x32	20	24	68.10		
					MG1P2RFA050W	50x40	20	20	71.80		
					MG1P2RFE063W	63x20	20	30	105.70		
					MG1P2RFB063W	63x40	20	15	114.90		
					MG1P2RFA063W	63x50	20	8	129.30		



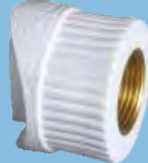
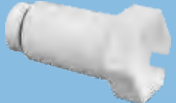
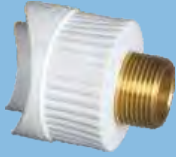



Except for flange adapter, bypass bend and male end of male/female reducer, all other fittings are female socketed. Threaded end of transition fittings are compatible with CP fittings. PN - Nominal Pressure, F- Fabricated, S-Socket, MT- Male Thread, FT- Female Thread, Spg- Spigot.

## FITTINGS

Item Code	Size in mm	PN	Box Qty.	EX.FAC		Item Code	Size in mm	PN	Box Qty.	EX.FAC				
MG1P2ECP025W	25	20	250	24.80	 <b>End Cap</b>	NG1P2UNI025W	25	20	60	154.50	 <b>Union (Plastic)</b>			
MG1P2ECP032W	32	20	160	31.60		NG1P2UNI032W	32	20	30	185.40				
MG1P2ECP040W	40	20	100	38.40		 <b>Female Threaded Elbow 90°</b>	NG2P2UNS025W	25	20	20	471.40	 <b>Union (SxS)</b>		
MG1P2ECP050W	50	20	63	65.20			NG2P2UNS032W	32	20	15	694.40			
MG1P2ECP063W	63	20	12	127.50			NG2P2UNI040W	40	20	10	505.40	 <b>Union</b>		
MG2P2FTE019W	20X15	20	50	92.40	NG2P2UNI050W		50	20	6	829.90				
MG2P2FTE025W	25x15	20	100	93.00	NG2P2UNI063W		63	20	4	1402.10				
MG2P2FTEH25W	25x15HW	20	150	129.00	 <b>Female Threaded Tee</b>	NG2P2FTU025W	25x20	20	40	294.40	 <b>Union - Female Threaded (SxFT)</b>			
MG2P2FTE026W	25x20	20	75	114.70		NG2P2FTU032W	32x25	20	25	458.30				
MG2P2FTE031W	32X15	20	16	98.20		 <b>Male Threaded Elbow 90°</b>	MG1P2FLA040W	40	20	10	75.50	 <b>Flange Adapter</b>		
MG2P2FTE032W	32x20	20	20	136.90				MG1P2FLA050W	50	20	10		113.10	
MG2P2FTE033W	32x25	20	50	194.00				MG1P2FLA063W	63	20	6		166.90	
MG2P2FTE040W	40x32	20	10	372.20	 <b>Male Threaded Tee</b>			NG2P2BVL025W	25	20	16		607.00	 <b>Ball Valve</b>
MG2P2FTE041W	40X40	20	10	403.70				NG2P2BVL032W	32	20	14		746.90	
MG2P2FTE051W	50X40	20	8	662.80		NG2P2BVL040W	40	20	4	1837.60				
MG2P2FTT025W	25x15	20	80	86.70		NG2P2BVL050W	50	20	4	2719.40				
MG2P2FTTH25W	25x15HW	20	80	123.00		NG2P2BVL063W	63	20	2	3651.90				
MG2P2FTT026W	25x20	20	25	120.40	 <b>Female Threaded Joint (FTA)</b>	NG1P2TCR002W	20	20	80	59.60	 <b>Tank Connector (MT/FT)</b>			
MG2P2FTT034W	32x15	20	16	114.30		NG1P2TCR003W	25	20	50	79.30				
MG2P2FTT032W	32x20	20	16	151.40		NG1P2TCR004W	40	20	30	113.30				
MG2P2FTT033W	32x25	20	16	204.00		NG1P2TCR005W	50	20	25	158.90				
MG2P2MTE025W	25x15	20	40	110.90		 <b>Male Threaded Joint (MTA)</b>	MG1P2BPB025W	25	20	40		70.90	 <b>Bypass Bend</b>	
MG2P2MTE026W	25x20	20	30	159.30	MG1P2BPB032W		32	20	20	148.70				
MG2P2MTE032W	32x20	20	20	178.00	 <b>M.T.A. (Plastic)</b>		MG1P2PCL025W	25	20	400	4.80	 <b>Pipe Clip (Plastic)</b>		
MG2P2MTE033W	32x25	20	16	207.20			MG1P2PCL032W	32	20	320	5.00			
MG2P2MTE050W	50X32	20	5	504.20			MG1P2PCL040W	40	20	240	7.20			
MG2P2MTT025W	25x15	20	30	114.70		MG1P2PCL050W	50	20	90	11.20				
MG2P2MTT026W	25x20	20	25	158.60		MG1P2PCL063W	63	20	30	22.95				
MG2P2MTT032W	32x20	20	14	201.60										
MG2P2MTT033W	32x25	20	12	213.90										
MG2P2FTA025W	25x15	20	150	59.90										
MG2P2FAH25W	25x15HW	20	150	96.00										
MG2P2FTA026W	25x20	20	100	95.00										
MG2P2FTA031W	32x15	20	30	127.50										
MG2P2FTA032W	32x20	20	30	142.80										
MG2P2FTA033W	32x25	20	60	166.00										
MG2P2FTA040W	40x32	20	40	343.40										
MG2P2FTA041W	40x40	20	12	376.20										
MG2P2FTA050W	50x40	20	12	390.90										
MG2P2FTA063W	63X50	20	8	876.30										
MG2P2MTA025W	25x15	20	100	78.20										
MG2P2MTA026W	25x20	20	80	148.70										
MG2P2MTA032W	32x20	20	30	218.00										
MG2P2MTA033W	32x25	20	50	250.80										
MG2P2MTA040W	40x32	20	30	433.50										
MG2P2MTA041W	40x40	20	6	592.90										
MG2P2MTA050W	50x40	20	20	516.20										
MG2P2MTA051W	50X50	20	6	711.00										
MG2P2MTA063W	63X50	20	6	1173.60										
MG1P2MTA021W	20X20	20	200	21.00										
MG1P2MTA026W	25x20	20	150	31.20										
MG1P2MTA032W	32x25	20	80	61.00										
MG1P2MTA040W	40x32	20	40	119.00										
MG1P2MTA050W	50X40	20	50	137.40										
MG1P2MTA063W	63X50	20	20	266.30										
















Except for flange adapter, bypass bend and male end of male/female reducer, all other fittings are female socketed. Threaded end of transition fittings are compatible with CP fittings. PN - Nominal Pressure, F- Fabricated, S- Socket, MT- Male Thread, FT- Female Thread, Spg- Spigot.

## FITTINGS

Item Code	Size in mm	PN	Box Qty.	EX.FAC		Item Code	Size in mm	PN	Box Qty.	EX.FAC	
MG1P2SSW063W	63x32	20	40	35.00	 All Plastic Weld in Saddle	MG1P2FAS040W	40	20	30	52.00	 Flange Adapter (Soc)
						MG1P2FAS050W	50	20	20	82.20	
						MG1P2FAS063W	63	20	14	131.50	
MG2P2SSF063W	63x20	20	20	105.40	 Weld in Saddle - Female Threaded	MG1P2CTP001W	15	20	270	16.20	 Circuit Testing Plug
MG2P2SSM063W	63x20	20	20	154.30	 Weld in Saddle - Male Threaded	MG1P2TPG003W	25	20	400	46.40	 Threaded Plug
MG2P2FLA063W	63	20	4	875.00	 Adapter with Integral Flange	MG1P2HRP007W	7	25	50	10.00	 Hole Repairing Plug
						MG1P2HRP011W	11	25	50	14.20	

Except for flange adapter, bypass bend and male end of male/female reducer, all other fittings are female socketed. Threaded end of transition fittings are compatible with CP fittings. PN - Nominal Pressure, F- Fabricated, S- Socket, MT- Male Thread, FT- Female Thread, Spg- Spigot.

## Socket / Polyfusion Equipment and Accessories

Item Code	Size in mm	Remark	EX.FAC		Item Code	Remark	EX.FAC		
4100378	20		405.00	 <p><b>Matrices Paired (Second Sale)</b></p>	PFDSPD005600	Suitable for 20mm to 32mm sizes.	3680.00	 <p><b>Polyfusion Device 90° (Rod type) SPD 5600</b></p>	
4100379	25	Suitable for SPD 2600, SPD 3800 and SPD 41200	490.00						
4100380	32		548.00						
4100381	40		865.00						
4100382	50		1536.00						
4100383	63		1658.00						
4100384	75		2085.00						
4100385	90		3000.00						
4100386	110		4110.00						
4100334	*50x32		Used for weld in saddles						-
4100335	63x32			1335.00					
4100336	75x32	1440.00							
4100337	90x32	1600.00							
4100338	110x40	4845.00							
4100338	110x50	5025.00							
4100338	*160x50	-							
4100363	20	Suitable for SPD 5600	630.00	 <p><b>Matrices-Non-Paired (Second Sale)</b></p>	4100391 Light	This is used to mount Polyfusion device while welding. This provides firm support while welding on the floor.	705.00	 <p><b>Mounting Stand (for PFD) (Second Sale)</b></p>	
4100364	25		770.00						
4100365	32		965.00						
4100320	7	This is used to repair hole formed on the pipe	1380.00	 <p><b>Hole Repairing Matrices (Second Sale)</b></p>	4100390 Heavy		1000.00		
4100321	11		1380.00						
4100302	32	Used to make hole on pipe while using welding saddles	1835.00	 <p><b>Drill Bit for Weld in Saddle (Second Sale)</b></p>	4100389	This is used to remove oxidized layer on exterior face of the pipe before welding. This is generally required while welding large diameter pipes.	645.00	 <p><b>Pipe Scraper (Second Sale)</b></p>	
PFDSPD061800				 <p><b>Heating Plate for Butt Welding SPD 61800</b></p>	PFDSPD061800	Suitable for butt welding of 90mm to 200mm sizes.	10600.00	 <p><b>Heating Plate for Butt Welding SPD 61800</b></p>	
PFDSPDCP2600		Suitable for 20mm to 32mm sizes.	5000.00	 <p><b>Polyfusion Device SPD 2600</b></p>	4100405	Suitable for 50mm to 140mm pipe sizes	7450.00	 <p><b>Rotating Cutter (Second Sale)</b></p>	
PFDSPDCP3800		Suitable for 20mm to 50mm sizes.	7875.00	 <p><b>Polyfusion Device SPD 3800</b></p>	4100331	Required for welding of 63mm to 110mm pipe sizes	58000.00	 <p><b>Assembly Jig (Second Sale)</b></p>	
PFDSPDA41200		Suitable for 40mm to 110mm sizes.	8000.00	 <p><b>Polyfusion Device SPD 41200</b></p>	4100332	For butt welding of above 110mm pipe sizes	115000.00	 <p><b>Butt Welding Machine (Second Sale)</b></p>	

\*Marked product will be shortly introduced



### THE SYSTEM

In line with our tradition of introducing new and innovative products on regular basis, we are pleased to offer yet other advanced plumbing systems i.e. "Supreme e-lite" PEX-b monolayer and PEX-AL-PEX and PE-AL-PE multilayer systems for hot and cold water applications. e-lite advanced plumbing systems are designed to meet premium project requirements like speedy execution, reliable joints and long term system performance. Besides plumbing these systems are also suitable for applications like compressed air, solar water heater, radiant floor heating, fire sprinkler system etc.

Manufactured using advanced material and technology these premium systems have excellent resistance to elevated temperature and pressure. These are endowed with many unique features that makes them one of the most trustworthy systems. Our commitment to efficient production process, quality of raw materials and rigorous quality control, makes e-lite systems the most reliable in the market. e-lite plumbing systems comply with the highest national and international quality standards like IS-15450, EN-ISO-15875 & EN-ISO-21003.

Supreme e-lite PEX-b pipes are manufactured using Silane (moisture cure) method of cross-linking between the molecules of the HDPE polymer after necessary extrusion process using a catalyst and by exposing PEX tubing in steam bath. PEX-b is superior to other types because of its higher burst pressure, higher impact resistance, excellent temperature and pressure resistance and excellent chlorine and oxidative resistance. e-lite PEX-AL-PEX MLP (Multilayer Pipes) are also manufactured using PEX-b.

### FEATURES AND BENEFITS

**Excellent temperature and pressure resistance :** e-lite advanced plumbing systems are suitable for operating temperature up to 95°C in wide spectrum of applications. With their excellent performance in high temperature and pressure conditions, these systems have proved their superiority over the other pipes or materials.

**Ideal for potable water application :** Due to mechanical joints there remains no need of solvent, chemical, or solder jointing which nullifies the possibility of water contamination. The pipe material does not have any negative biological effects on the water. Moreover due to chemical inertness and its resistance to all sorts of

corrosion, **e-lite** plumbing system is considered as absolutely safe for potable water applications.

**Long term reliable performance :** The system offers long term reliable performance due to the excellent material properties and unique crimping and compression type joints which are 100% watertight. Due to the remarkable chlorine and oxygen resistance, the pipes provides long term performance without causing trouble to the metallic parts in the system.

**Easy and fast Installation :** The pipes are made available in the form of long coils that helps to reduce the no. of joints. Due to great flexibility, bendability at the point of change of direction and press fit crimping/compression joints, the installation of **e-lite** pipes becomes fast and easier than any rigid pipes. With the well-equipped handy tools and availability of manifolds, the installation becomes error free.

**Different installation methodologies :** e-lite plumbing systems can be installed according to the different installation methodologies. These methodologies serve the different design advantages according to the customized application and are very useful in case of any maintenance requirements.

**Easy to repair and maintain :** Due to pipe in pipe method, in case of any repair, the concealed pipes can be easily pulled out and replaced without disturbing the expensive tiling work and interior architectural aesthetics.

**Low on noise :** These piping systems are significantly quieter than rigid piping systems. It is inherently less noisy due to its flexibility and ability to absorb pressure surges.

### Fields of Applications

e-lite plumbing systems can be used in a wide variety of applications in residential, commercial and industrial constructions.

- Hot and cold water supply systems in all types of buildings
- Radiant floor heating systems for suspended floor systems or in slab construction
- Municipal water service pipe in underground applications
- Turf conditioning for greenhouses, golf courses, and sports field surfaces
- Fire suppression systems (residential fire sprinklers)

## MONOLAYER PIPES : PEX-b



Item Code	Size (mm)	Overall pipe dia. (mm)		Average wall thickness (mm)	Coil length (m)	Ex. Fact Rate
		min	max			
4118841	16	16.00	16.30	1.95	100	13470.00
4118842	20	20.00	20.30	2.05	100	17780.00
4118843	25	25.00	25.30	2.50	50	27450.00
4118844	32	32.00	32.30	3.10	50	44200.00

## FITTINGS

Item Code	Size in mm (in)	Box Packing	EX. FACT RATE		Item Code	Size in mm (in)	Box Packing	EX. FACT RATE				
4118912	16	168	131.20	 <b>Coupler</b>	4118887	25x20 (¾")	40	1128.40	 <b>Female Threaded Elbow 90° with Screw Connection</b>			
4118914	20	128	174.60									
4118916	25	60	301.00									
4118896	32	32	407.90									
4118913	20x16	140	270.70	 <b>Reducing Coupler</b>	4118905	16	80	254.50	 <b>Equal Tee</b>			
4118915	25x20	72	248.00									
4118917	32x25	44	448.00									
4118875	16x15 (½")	160	168.20	 <b>Male Threaded Adapter</b>	4129257	16x20x16	72	307.40	 <b>Reducing Tee</b>			
4118876	20x15 (½")	152	190.50		4118906	20x16x20	64	494.80				
4118877	20x20 (¾")	96	265.60		4129301	25x16x16	44	378.80				
4118898	25x20 (¾")	72	318.00		4118908	25x16x25	36	745.10				
4118899	25x25 (1")	56	471.10		4129302	25x20x20	40	449.90				
4129125	32x25 (1")	36	570.00	 <b>Female Threaded Adapter</b>	4118909	25x20x25	32	825.30	 <b>Female Threaded Tee</b>			
4129137	16x15 (½")	152	187.40		4118910	32x20x32	20	720.70				
4129255	20x15 (½")	132	229.80		4129259	32x25x32	16	831.50				
4129298	20x20 (¾")	72	362.60		4118902	16x15 (½")x16	72	348.20		 <b>Female Threaded Tee</b>		
4129367	*25x20 (¾")	72	-									
4118889	25x25 (1")	40	702.00									
4129262	32x25 (1")	36	585.60									
4118900	16x15 (½")	160	266.10	 <b>FTA with Screw Connection</b>	4118903	20x15 (½")x20	56	422.80	 <b>Cross</b>			
4118901	20x15 (½")	112	334.90		4118930	20x20x16x16	40	996.30				
4123599	20x20 (¾")	104	554.40		4119042	25x20x16x16	32	1046.70				
4129388	*25x20 (¾")	72	-		4118929	25x20x20x20	28	1097.10				
4129256	32x25 (1")	48	681.40		4119043	20x20x16x16x16	24	1172.50		 <b>Distributor</b>		
4118883	16	136	178.60	4119044					25x20x16x16x16		20	1221.80
4118855	20	84	252.00	4118918					20		1	1460.60
4118884	25	40	453.60									
4118869	32	24	688.40									
4118879	16x15 (½")	88	226.80		4118895	25	10	915.70				
4118880	20x15 (½")	88	272.30									
4129366	*25x20 (¾")	40	-									
4118868	16x15 (½")	104	235.90	 <b>Female Threaded Elbow 90°</b>	4129218	32	8	1074.50	 <b>Embedded Valve</b>			
4118856	20x15 (½")	96	265.10		4118897	16	28	771.50				
4118857	20x20 (¾")	72	331.50		4118928	20	26	891.00				
4129300	25x20 (¾")	48	433.60		4129127	25	18	1049.80				
4118878	32x25 (1")	20	1086.50		 <b>Female Threaded Elbow 90° with Base Plate</b>							
4118881	16x15 (½")	46mm ht.	56	726.70								
4118882	20x15 (½")	46mm ht.	52	772.00								
4118885	16x15 (½")	38mm ht.	44	362.40								
4118886	20x15 (½")	38mm ht.	48	731.20								

\*Marked product will be shortly introduced

**MULTILAYER PIPES:  
PEX-AL-PEX**













**PE-AL-PE**













Item Code	Size (mm)	Overall pipe dia (mm)		Average wall thickness (mm)	All layer thickness (mm)	Coil length (m)	EX.FACT RATE	Item Code	Size (mm)	Overall pipe dia (mm)		Average wall thickness (mm)	All layer thickness (mm)	Coil length (m)	EX.FACT RATE
		min	max							min	max				
PE1B016100WH	16	16.00	16.20	2.10	0.20	100	10800.00	PE2B016100BL	16	16.00	16.30	1.90	0.18	100	8115.00
PE1B020100WH	20	20.00	20.20	2.15	0.25	100	15000.00	PE2B020100BL	20	20.00	20.30	2.10	0.23	100	10404.00
PE1B025050WH	25	25.00	25.20	2.65	0.30	50	15150.00	PE2B025050BL	25	25.00	25.30	2.55	0.23	50	7375.00
PE1B032050WH	32	32.00	32.20	3.15	0.40	50	22550.00	PE2B032050BL	32	32.00	32.50	3.20	0.28	50	11247.00

**FITTINGS**




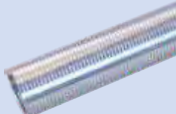


Item Code	Size in mm (in)	Box Packing	EX. FACT RATE		Item Code	Size in mm (in)	Box Packing	EX. FACT RATE	
4129233	16	120	180.10	 <b>Coupler</b>	4119048	16x15 (1/2") 46mm ht.	32	844.70	 <b>Female Threaded Elbow 90° with Base Plate</b>
4129284	20	80	236.20		4119049	20x15 (1/2") 46mm ht.	32	915.30	
4129226	25	45	412.20		4129278	*16x15 (1/2") 38mm ht.	32	375.60	
4129234	32	32	542.80		4129279	*20x15 (1/2") 38mm ht.	40	387.70	
4129288	20x16	90	214.70	 <b>Reducing Coupler</b>	4129594	25x20			 <b>Reducing Elbow 90°</b>
4129235	25x16	40	274.80		4129592	32x20			
4129236	25x20	45	287.30		4129593	32x25			
4129589	32x20	100	-						
4129227	32x25	30	510.00						
4129220	16x15 (1/2")	80	194.00	 <b>Male Threaded Adapter</b>	4129258	*25x20 (3/4")	32	623.70	 <b>Female Threaded Elbow 90° with Screw Connection</b>
4129280	20x15 (1/2")	80	196.80						
4129071	20x20 (3/4")	80	-						
4129222	25x20 (3/4")	40	366.90						
4129221	25x25 (1")	40	581.10						
4129223	*32x25 (1")	32	604.80						
4129224	16x15 (1/2")	80	212.70	 <b>Female Threaded Adapter</b>	4129289	16	45	321.00	 <b>Equal Tee</b>
4129281	20x15 (1/2")	80	223.60		4129290	20	30	541.30	
4129287	20x20 (3/4")	80	322.50		4129242	25	20	723.70	
4128225	25x20 (3/4")	40	408.70		4129243	32	20	1068.90	
4129282	25x25 (1")	40	-						
4129229	32x25 (1")	30	658.70		4129250	20x16x16	32	380.00	
4129228	16x15 (1/2")	120	267.10		4119083	20x16x20	30	629.70	
4119073	20x15 (1/2")	80	339.70						
4119074	20x20 (3/4")	80	395.60	 <b>FTA with Screw Connection</b>	4129251	25x20x20	16	476.40	 <b>Reducing Tee</b>
4129231	25x20 (3/4")	40	557.40		4129244	32x20x32	8	749.10	
4129230	25x25 (1")	40	535.80						
4129260	32x25 (1")	80	562.50		4129285	16x15 (1/2")	40	382.00	
4129232	32x32 (1 1/4")	24	1068.20		4129291	20x15 (1/2")	40	442.70	
4129211	16	80	226.80		4129245	25x15 (1/2")	20	655.70	
4129212	20	60	314.50		4129246	25x20 (3/4")	20	566.40	
4129213	25	30	510.00		4129247	32x20 (3/4")	15	802.00	
4129237	32	20	758.00						
4129216	16x15 (1/2")	80	246.90	 <b>Male Threaded Elbow 90°</b>	4129249	25	8	764.50	 <b>Ball Valve</b>
4129248	20x15 (1/2")	60	299.90		4129254	32	8	927.80	
4129261	25x20 (3/4")	40	426.90						
4129214	16x15 (1/2")	80	242.90	 <b>Female Threaded Elbow 90°</b>	4129252	16	20	880.90	 <b>Embedded Valve</b>
4129215	*20x15 (1/2")	60	292.30		4129253	20	20	956.50	
4129238	20x20 (3/4")	40	370.90		4129136	25	12	1185.80	
4129239	25x20 (3/4")	40	391.50						
4129240	32x25 (1")	40	634.50						

Note: Crimping type multilayer fittings will be supplied either in TIN plated or natural brass colour. \*Marked product will be shortly introduced









## BRASS COMPRESSION FITTINGS

Item Code	Size in mm (in)	Box Packing	EX. FACT RATE		Item Code	Size in mm (in)	Box Packing	EX. FACT RATE	
4129168	16	216	279.90	 <b>Coupler</b>	4129347	20x16	120	313.00	 <b>Reducing Elbow 90°</b>
4129169	20	144	350.30		4129348	25x20	84	484.20	
4129170	25	72	643.10		4129349	32x20	48	728.80	
4129171	32	48	885.50		4129350	32x25	42	904.80	
4129180	20x16	144	324.80	 <b>Reducer</b>	4129196	16x15 (½")	144	269.80	 <b>Female Threaded Elbow 90°</b>
4129181	25x16	120	494.10		4129197	20x15 (½")	120	301.20	
4129182	25x20	120	519.70		4129342	20x20 (¾")	96	341.70	
4129183	32x20	48	734.00		4129198	25x15 (½")	96	448.10	
4129184	32x25	48	871.90		4129199	25x20 (¾")	96	489.00	
					4129343	25x25 (1")	60	547.70	
					4129344	32x25 (1")	48	772.90	
				4129345	32x32 (1¼")	36	907.60		
4129187	16x15 (½")	252	211.00	 <b>Male Threaded Adapter</b>	4129346	20x15 (½")	96	269.40	 <b>Male Threaded Elbow 90°</b>
4129188	20x15 (½")	168	251.10						
4129189	20x20 (¾")	144	292.20						
4129190	25x15 (½")	120	420.40						
4129331	25x20 (¾")	120	408.10						
4129333	25x25 (1")	96	431.50						
4129332	32x25 (1")	48	645.00						
4129336	32x32 (1¼")	48	716.50						
4129191	16x15 (½")	216	211.00	 <b>Female Threaded Adapter</b>	4129176	16	90	402.50	 <b>Equal Tee</b>
4129192	20x15 (½")	216	234.10		4129177	20	72	517.20	
4129193	20x20 (¾")	180	251.10		4129178	25	48	917.10	
4129194	25x15 (½")	144	393.80		4129179	32	24	1519.80	
4129195	25x20 (¾")	120	422.80						
4129335	25x25 (1")	66	533.20		4129185	20x16x20	72	488.30	
4129334	32x25 (1")	48	727.60		4129186	25x20x25	48	785.50	
4129337	32x32 (1¼")	36	863.10	4129338	32x20x32	24	1184.00		
				4129339	32x25x32	24	1262.80		
4129172	16	180	277.40	 <b>Elbow 90°</b>	4129200	16x15 (½")	108	366.80	 <b>Female Threaded Tee</b>
4129173	20	96	360.70		4129201	20x15 (½")	84	442.40	
4129174	25	72	636.70		4129340	25x15 (½")	48	708.70	
4129175	32	36	1078.40		4129341	25x25 (1")	48	847.60	

## TOOLS AND ACCESSORIES

Item Code	Size in mm	Standard Packing	EX. FACT RATE		Item Code	Size in mm	Standard Packing	EX. FACT RATE	
4129264	16-20	1	6580.90	 <b>Manual Crimping Tool with Insert</b>	4119093	16-25	1	-	 <b>Blade for Pipe Cutter</b>
4129263	16-32	1	10293.70						
4129265	16-25	1	501.20	 <b>Pipe Cutter</b>	4129270	16	10	315.60	 <b>External Spring (Pipe Bend Tool)</b>
					4129271	20	10	385.20	
					4129272	25	5	547.60	
					4129273	32	4	686.90	
4129267	16-32	1	733.30	 <b>Blade for Pipe Cutter</b>	4129268	16-25	1	500.90	 <b>Deburring and Chamfering Tool</b>
					4129269	20-32	1	547.60	
4129266	16-25	1	222.80		4119084	16-25	1	15364.60	
	16-32	1							

\*Marked product will be shortly introduced

Item Code	Size in mm	Standard Packing	EX. FACT RATE		Item Code	Size in mm	Standard Packing	EX. FACT RATE	
4119094	20x15 (3/4"x1/2") (2 male outlets)	10	1289.60	 <b>Manifold</b>		16 20 25 32			 <b>Sleeve</b> (for monolayer fittings)
4119095	20x15 (3/4"x1/2") (3 male outlets)	8	1959.50						
4119096	20x15 (3/4"x1/2") (4 male outlets)	8	2572.90						
4119097	20x15 (3/4"x1/2") (2 male outlets)	5	1840.50	 <b>Manifold with Valve</b>		16 20 25 32			 <b>Sleeve</b> (for multilayer fittings)
4119098	20x15 (3/4"x1/2") (3 male outlets)	5	2702.50						
4119100	16x15 (1/2") For Monolayer Pipe	2	437.40	 <b>PEX Pipe Adapter for Manifold Connection</b> (For monolayer & multilayer pipes)					
4129303	16x15 (1/2") For Monolayer Pipe	2	328.00						
				 <b>Sealing Ring</b>	4119099	300x530x90	1	5920.90	 <b>Cabinet for Manifolds</b>
				 <b>Compression / Clip Ring</b>	4129133	*300x430x90	1	-	

\*Marked product will be shortly introduced

## THE SYSTEM

To meet the increasing demand for a superior quality water storage solution, Supreme offers a wide range of water tanks under the brand name 'SILTANK'. Manufactured using superior quality virgin raw material, these tanks are made available from 100 to 10000 ltrs capacities. Siltank overhead water tanks are available in two, three, and four layered designs in different colours including the ISI variety in black colour. The four layered thermally insulated water tanks are exclusively designed using the foam layer to minimize the effects of sunlight. It keeps the water cool in summers and prevents it from getting too cold during winters. Besides being elegant, Siltanks are much stronger and durable due to their unique rib structured design. In addition to the overhead tanks, the Loft tanks in different sizes and varieties are made available to complete the range. Thus, Siltanks are much superior to any other water tanks available in the market in terms of strength, extraordinary performance and elegant looks. In short, Siltank is a 'value for money proposition' that delights the customers.

## FEATURES AND BENEFITS

Rotationally moulded for maximum strength and better performance.

100% Virgin raw material- Promises superior quality and a long lasting performance. As no rework material is used, the Siltanks are absolutely free from any odor and taste.

Strong and durable - Unique and innovative design of the ribs

makes it strong and sturdy as compared to any other water tanks available in the market. The strong design helps to prevent the tank from bulging. Siltank have a very good impact strength which makes them virtually unbreakable.

Thermal insulation - Provision of a foam layer in the tank improves the insulation and keeps the water cool in summers. It also prevents the water from getting too cold in winters.

UV-stability - Prevents degradation of material due to adverse effects of ultraviolet rays and ensures that there is no cracking or loss of physical properties.

Ideal for drinking water - Use of food grade virgin raw material ensures its suitability for potable water as the quality of water does not get affected even when stored for a long period.

Easy installation - Built in provision of hooks for lifting the tank to higher floors, makes the installation comparatively easy.

Strong covers - Specially designed injection moulded covers are much stronger and it's simple threaded design provides ease in opening and closing.

Full capacity guaranteed - Unlike commercial tanks the storage capacity of Supreme Siltank is equal or exceed to the stated capacity.

Assured quality - Rigorously tested to ensure the quality. Meets and exceeds all quality parameters as specified in BIS.

## Product Range

Item Code	Size in ltrs.	Ex.Fact Price
RLTOWT0502BK	500	2350.00
RLTOWT0752BK	750	3525.00
RLTOWT1002BK	1000	4700.00
RLTOWT1502BK	1500	7050.00
RLTOWT2002BK	2000	9400.00
RLTOWT3002BK	3000	17400.00
RLTOWT5002BK	5000	29000.00
RLTOWT7502BK	7500	--
RLTOWT10000B	10000	75500.00



**Two Layer Overhead Water Tank**

Item Code	Size in ltrs.	Ex.Fact Price
RLTOWT0503LB	500	2700.00
RLTOWT0753LB	750	4050.00
RLTOWT1003LB	1000	5400.00
RLTOWT1503LB	1500	8100.00
RLTOWT2003LB	2000	10800.00



**Three Layer Overhead Water Tank**

RLTOWT0203BL	200	1370.00
RLTOWT0313BL	300	2055.00
RLTOWT0513BL	500	2700.00
RLTOWT0713BL	750	4050.00
RLTOWT1013BL	1000	5400.00
RLTOWT1513BL	1500	8100.00
RLTOWT2003BL	2000	10800.00
RLTOWT3003BL	3000	18600.00
RLTOWT5003BL	5000	31000.00



**Three Layer Overhead Water Tank**

RLTOWT0313GD	300	2055.00
RLTOWT0513GD	500	2700.00
RLTOWT0713GD	750	4050.00
RLTOWT1013GD	1000	5400.00
RLTOWT1503GD	1500	8100.00
RLTOWT2003GD	2000	10800.00
RLTOWT3003GD	3000	18600.00
RLTOWT5003GD	5000	31000.00



**Three Layer Overhead Water Tank**

\*Marked product will be shortly introduced

Item Code	Size in ltrs.	Ex.Fact Price
RLTOWT0503YE	500	2700.00
RLTOWT0753YE	750	4050.00
RLTOWT1003YE	1000	5400.00
RLTOWT1503YE	1500	8100.00
RLTOWT2003YE	2000	10800.00
RLTOWT3003YE	3000	18600.00
RLTOWT5003YE	5000	31000.00



**Three Layer Overhead Water Tank**

Item Code	Size in ltrs.	Ex.Fact Price
RLTOWT0200WH	200	1510.00
RLTOWT0314WH	300	2265.00
RLTOWT0504WH	500	3425.00
RLTOWT0754WH	750	5138.00
RLTOWT1004WH	1000	6850.00
RLTOWT1504WH	1500	10275.00
RLTOWT2004WH	2000	13700.00
RLTOWT3004WH	3000	24900.00
RLTOWT5004WH	5000	41500.00



**Four Layer Overhead Water Tank**

RLTOWT0203WH	200	1370.00
RLTOWT0313WH	300	2055.00
RLTOWT0503WH	500	2700.00
RLTOWT0753WH	750	4050.00
RLTOWT1003WH	1000	5400.00
RLTOWT1503WH	1500	8100.00
RLTOWT2003WH	2000	10800.00
RLTOWT3003WH	3000	18600.00
RLTOWT5003WH	5000	31000.00
RLTOWT7503WH	7500	0.00
RLTOWT10000W	10000	83000.00



**Three Layer Overhead Water Tank**

RLTOWT0505BK	500	4475.00
RLTOWT0705BK	700	6713.00
RLTOWT1005BK	1000	8950.00
RLTOWT1505BK	1500	13425.00
RLTOWT2005BK	2000	17900.00
RLTOWT3005BK	3000	29250.00
RLTOWT5005BK	5000	48750.00
RLTOWT1003BK	10000	97500.00



**Two Layer Overhead Water Tank (ISI Mark)**

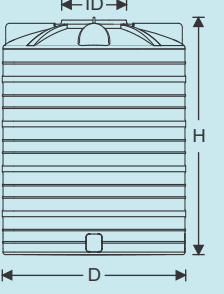
RLTOWT0314YE	300	2265.00
RLTOWT0504YE	500	3425.00
RLTOWT0754YE	750	5138.00
RLTOWT1004YE	1000	6850.00
RLTOWT1504YE	1500	10275.00
RLTOWT2004YE	2000	13700.00



**Four Layer Overhead Water Tank**

**Dimension of Siltank overhead water tanks**

Size (ltrs)	Layers	Dimensions		
		D	ID	H
200	3/4	704	370	703
300	3/4	769	370	833
500	2/3/4	868	370	1060
700	2	1030	370	1042
750	2/3/4	1000	370	1167
1000	2/3/4	1071	370	1325
1500	2/3/4	1267	370	1454
2000	2/3/4	1434	460	1503
3000	2/3/4	1611	460	1733
5000	2/3/4	1936	460	2047
7500	2/3	2050	460	2485
10000	2/3	2166	460	3100



(all dimensions are in mm)

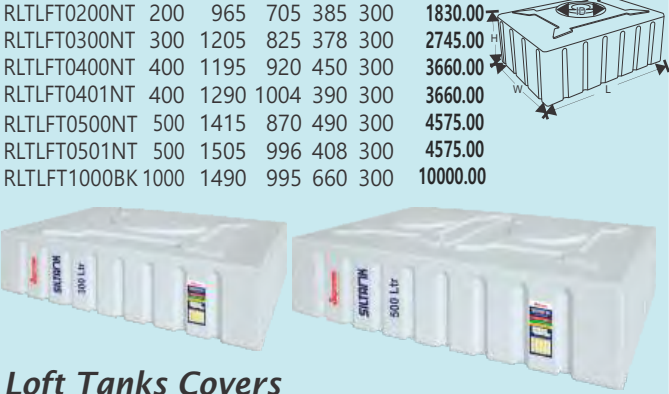
**Siltank Covers (Lids)**

Item Code	Size in ltrs.	Ex.Fact Price
MHDTTNKLID501500WH	500 to 1500 (White)	212.10
MHDTTNKLID501500BK	500 to 1500 (Black)	212.10
MHDTTNKLID501500BL	500 to 1500 (Blue)	212.10
MHDTTNKLID501500LB	500 to 1500 (Brown)	212.10
MHDTTNKLID501500GD	500 to 1500 (Green)	212.10
MHDTTNKLID501500YE	500 to 1500 (Yellow)	212.10
MHDTTNKLID205000WH	2000 to 10000 (White)	212.10
MHDTTNKLID205000BK	2000 to 10000 (Black)	212.10
MHDTTNKLID205000BL	2000 to 5000 (Blue)	212.10
MHDTTNKLID205000LB	2000 to 5000 (Brown)	212.10
MHDTTNKLID205000GD	2000 to 5000 (Green)	212.10
MHDTTNKLID205000YE	2000 to 5000 (Yellow)	212.10




**Loft Tanks**

Item Code	Size in ltrs.	Dimensions (mm)			Ex.Fact Price	
		L	W	H	ID	
RLTLFT0100NT	100	585	585	373	300	915.00
RLTLFT0150NT	150	715	715	371	300	1373.00
RLTLFT0201NT	200	900	500	475	300	1830.00
RLTLFT0200NT	200	965	705	385	300	1830.00
RLTLFT0300NT	300	1205	825	378	300	2745.00
RLTLFT0400NT	400	1195	920	450	300	3660.00
RLTLFT0401NT	400	1290	1004	390	300	3660.00
RLTLFT0500NT	500	1415	870	490	300	4575.00
RLTLFT0501NT	500	1505	996	408	300	4575.00
RLTLFT1000BK	1000	1490	995	660	300	10000.00



**Loft Tanks Covers**

Item Code	Size in ltrs.	Ex.Fact Price
MHDPLFTLID200500WH	100/200/300/400/500	187.10
1606846	1000	--



\*Marked product will be shortly introduced

**Item Code**                      **Size in ltrs.**                      **EX. FACT PRICE**

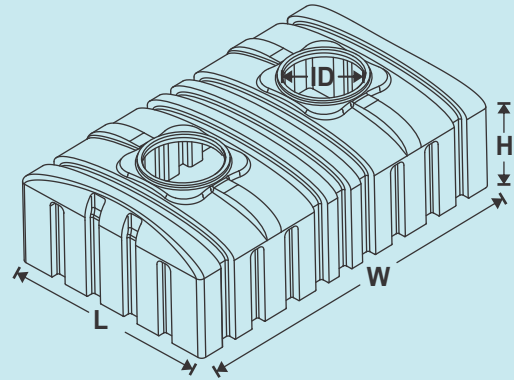
RLTHWT1003WH                      1000

**Dimension of Siltank horizontal overhead water tanks**

Size (ltrs)	Layers	Dimensions (mm)			
		L	W	H	ID
1000	3	1850	1130	590	371



**Three Layer Horizontal Water Tank**





### THE SYSTEM

We have introduced yet another unique variety of quality blow moulded water storage tanks under the brand name 'ECOSIL' to give our customers a value added water storage solution at an affordable cost. These lightweight yet strong and sturdy overhead water storage tanks are manufactured from virgin raw material. These tanks offer many good features that make them unique in all respect. ECOSIL tanks are made available in four layered design that makes them tougher and more durable. The inner layer made from antibacterial material assures odor-free, safe water quality in all seasons. These tanks are supplied in white colour up to 1500 ltrs capacities.

### FEATURES AND BENEFITS

- Extra strength and superior performance
- 100% virgin, food grade HDPE raw material ensures suitability for storage of drinking water
- Strong and sturdy design which eliminates stress formation
- UV resistant covers with threaded locking provision
- Antibacterial : 100% hygienic and safe as it does not support bacterial growth.
- Odorless
- Assured quality performance
- Maintenance free

### APPLICATION

Residential and Commercial Buildings.

### Product Range

Item Code	Size in ltrs.	Ex.Fact Price
BLWOWT0500WH	500	0.00
BLWOWT0750WH	750	0.00
BLWOWT1004WH	1000	0.00
	*1500	0.00

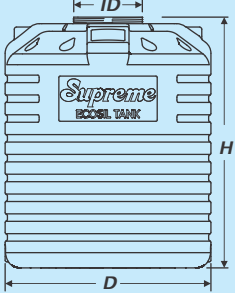


**Four Layer Overhead Water Tank**

### Dimension of ECOSIL overhead water tanks

Size (ltrs)	Layers	Dimensions		
		D	ID	H
500	4	920	444	918
750	4	980	444	1165
1000	4	1100	444	1265
1500	4	1280	444	1375

(all dimensions are in mm)



\*Marked product will be shortly introduced

### THE SYSTEM

After an encouraging response to the Siltank and Amrutam water tanks, we have introduced yet another premium quality water storage tanks under the brand name '**Weather Shield**'. These first of its kind overhead water tanks are designed to offer many best in class features and to meet the requirements of superior insulation and high end applications. These tanks are offered in 500 to 1500 ltrs capacities in three attractive colours. These five layered tanks have extra thick foam layer to provide superior thermal insulation properties. Besides being elegant design, these tanks are strong, **FEATURES AND BENEFITS**

**Rotationally moulded for maximum strength, durability and superior performance.**


**100% virgin, food grade raw material** - Promises 100% safety and suitability of drinking water and liquid foods even when stored for long durations. Unlike commercial tanks made out of rework material, stored water in WeatherShield remains unaffected and free from any **odor and taste**.

**Superior thermal insulation** - Five layered design with extra thick foam layer and insulated covers ensures superior insulation properties. It keeps the water cool in summers and reasonably warm during winters. Lab tests have revealed that there is @ 15-20° C temperature difference between stored water and the ambient temperature.

**Anti-bacterial** - 100% hygienic and safe as the anti-bacterial grade raw material is being used for inside layer **does not support bacterial growth**.

### Product Range

Item Code	Size in ltrs.	Ex.Fact Price
RLTOWT0501MB	500	7500.00
RLTOWT0751MB	750	9375.00
RLTOWT1001MB	1000	12500.00
RLTOWT1501MB	1500	18750.00
(With Control Unit)		
RLTOWT0502MB	500	6861.00
RLTOWT0752MB	750	8420.00
RLTOWT1002MB	1000	11227.00
RLTOWT1502MB	1500	16845.00
(Without Control Unit)		



**Five Layer Premium Overhead Water Tank**

Item Code	Size in ltrs.	Ex.Fact Price
RLTOWT0501GW	500	7500.00
RLTOWT0751GW	750	9375.00
RLTOWT1001GW	1000	12500.00
RLTOWT1501GW	1500	18750.00
(With Control Unit)		
RLTOWT0502GW	500	6861.00
RLTOWT0752GW	750	8420.00
RLTOWT1002GW	1000	11227.00
RLTOWT1502GW	1500	16845.00
(Without Control Unit)		



**Five Layer Premium Overhead Water Tank**

**All weather resistance** - UV resistant outer layer prevent degradation due to the effects of ultraviolet rays and keeps it free from any crack formation or loss of physical properties.

**Strong and sturdy insulated covers with inbuilt locking provision** - Specially designed rotationally moulded threaded covers are not only strong and insulated, but also very easy to open and close. Inbuilt locking provision safeguard the water against water theft and its contamination.

**Provided with water level indicator and pump controller (optional)** - Provision of water level indicator indicates the level of water in the tank. The pump controller automatically stops the pump when the tank gets completely filled avoiding the overflow. This function not only help to save the precious water, but the energy loss on account of its pumping.

**Extra strong and durable design** - Elegant and sturdy five layered design makes the tank more tough and strong to withstand environmental changes and protect it from bulging. These tanks have good impact strength and are virtually unbreakable.

**Readymade base plate for easy installation**- The readymade base plate provides a readymade platform to place the water tank directly over it. It provides a firm, levelled and a sturdy platform and also facilitates simple and fast installation. It makes the job more convenient while installing Y-Strainers.

**Provision of inbuilt hooks** - Provides ease while lifting

Item Code	Size in ltrs.	Ex.Fact Price
RLTOWT501GYG	500	7500.00
RLTOWT751GYG	750	9375.00
RLTOWT1001GY	1000	12500.00
RLTOWT1501GY (With Control Unit)	1500	18750.00
RLTOWT502GYG	500	6861.00
RLTOWT752GYG	750	8420.00
RLTOWT1002GY	1000	11227.00
RLTOWT1502GY (Without Control Unit)	1500	16845.00

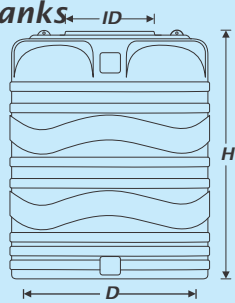


**Five Layer Premium Overhead Water Tank**

**Dimension of WeatherShield premium overhead water tanks**

Size (ltrs)	Layers	Dimensions		
		D	ID	H
500	5	886	370	1023
750	5	1000	370	1212
1000	5	1081	370	1345
1500	5	1258	370	1500

(all dimensions are in mm)

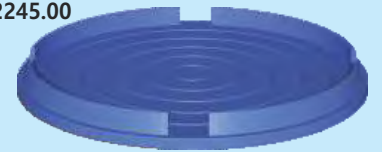


Item Code	Size in ltrs.	Ex.Fact Price
RLTLID501MBG500 to 1500		449.10
RLTLID501GWH500 to 1500		449.10
RLTLID501GYG500 to 1500		449.10



**Covers (Lid)**

RLTTB0500PBL 500	1578.00
RLTTB0750PBL 750	2022.00
RLTTB1000PBL1000	2245.00



**Base Plate**

### THE SYSTEM

Supreme CopperShield tanks feature an advanced inner copper layer, that shields bacteria, viruses, fungi, and algae and provides complete protection to the stored water. Besides consistently maintaining the water quality it keeps the water fresh, clean and safe. These tanks are offered in 500, 750 and 1000 ltrs capacities in Tan Copper

### FEATURES AND BENEFITS

**Rotationally moulded for maximum strength and better performance.**

**100% Virgin raw material-** Promises superior quality and a long lasting performance. As no rework material is used, the CopperShield tanks are absolutely free from any odor and taste.

**Water Safety Assurance:** The advanced copper layer acts as a powerful shield, ensuring the safety of stored water by combatting fungi, bacteria, viruses, and algae.

**Robust Four-Layer Design:** Engineered with a four-layer design, CopperShield tanks stand strong, look aesthetically pleasing, and are remarkably durable, providing a reliable and long-lasting performance.

**Comprehensive Anti-microbial Protection:** The

copper layer adheres to stringent standards, that offer effective protection against different microbes, and ensure water quality that meets the highest standards.

**Double Wall Cover:** Rotationally moulded double-wall threaded type covers not only enhances structural integrity but also restricts the entry of sunlight, preventing the growth of harmful microorganisms and preserves water quality.

**Excellent Water Storage Solution:** Supreme CopperShield tanks are designed to provide an excellent water storage solution, addressing the need for quality, efficiency and reliability.

**Weather-Resistant and Secure:** Engineered to withstand volatile weather conditions, these tanks offer a safe and secure storage solution, ensuring the stored water remains uncontaminated and reliable, regardless of external factors.

### APPLICATION

Residential and Commercial Buildings.

### Product Range

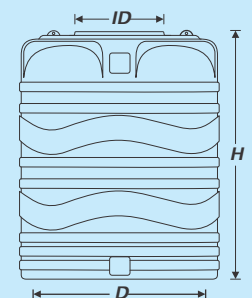
Item Code	Size in ltrs.	EX.FACT PRICE
RLTOWT0504TC	500	
RLTOWT0754TC	750	
RLTOWT1004TC	1000	



**Four Layer Overhead Water Tank**

### Dimension of COPPERShield overhead water tanks

Size (ltrs)	Layers	Dimensions (mm)		
		D	ID	H
500	4	886	370	1023
750	4	1000	370	1212
1000	4	1081	370	1345



### Product Range

★ **Item Code**      **Size in ltrs.**      **EX.FACT PRICE**

**White-**

RLTOWT0505WH 500  
 RLTOWT0755WH 750  
 RLTOWT1005WH 1000

**Pearl Blue-**

RLTOWT0505PB 500  
 RLTOWT0755PB 750  
 RLTOWT1005PB 1000

**Icky Green-**

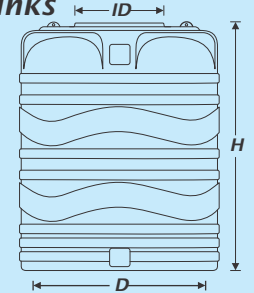
RLTOWT0500IG 500  
 RLTOWT0755IG 750  
 RLTOWT1005IG 1000



**Five Layer Overhead Water Tank**

### Dimension of Optimus overhead water storage tanks

Size (ltrs)	Layers	Dimensions (mm)		
		D	ID	H
500	5	886	370	1023
750	5	1000	370	1212
1000	5	1081	370	1345



### THE SYSTEM

Supreme is pleased to offer an exhaustive range of heavy-duty, large capacity readymade underground water storage tanks that lasts for a lifetime. These ready to use tanks in plastics are offered under the brand name 'Amrutam'. Manufactured using the best quality virgin raw material, Amrutam underground tanks are equipped with many outstanding features that makes these tanks superior substitute to the conventional RCC and masonry tanks. Unlike conventional tanks these tanks are completely free from time consuming construction, crack formation, infiltration and ex-filtration, root penetration, repeated maintenance, short and uncertain life span etc. Being free from these problems, Amrutam tanks are absolutely hygienic and safe.

### FEATURES AND BENEFITS

Rotationally moulded - Supreme Amrutam underground water tanks are manufactured by rotational moulding process which produces a strong, one piece, seamless and watertight product.

Unique single piece patented design - Amrutam underground water tanks have unique patented design.

Great strength - Robust in design with a unique ribbed structure provides superior structural integrity to the tank. It makes the tank strong enough to meet various loading and handling requirements.

Simple and quick installation - Amrutam ready to use water tanks are light in weight and hence the installation becomes very simple and quick. Minimum requirement of excavation further saves lot on time and costs. Installation of these tanks can be carried out even by unskilled workers with proper training. Amrutam underground water tanks are designed for durability, easy and quick installation and can be transported to the job site in a pickup van.

Minimum space requirement - These tanks requires minimum space and minimum excavation.

100% Watertight

Hygienic and Safe - Free from root penetration, corrosion and biological growth.

Provided with air tight threaded covers.

Minimal maintenance

Long Life - minimum 50 years of service life

Eco-friendly

### Product Range

Item Code	Size in ltrs.	Ex.Fact Price
RLTUWT1000TC1000	1000	11250.00
RLTUWT1500TC1500	1500	16875.00
RLTUWT2003TC2000	2000	22500.00
RLTUWT3000TC3000	3000	33750.00

Item Code	Size in ltrs.	Ex.Fact Price
RLTUWT1003TC	1000 (Stand-alone)	12500.00
RLTUWT6000TC	6000 (Stand-alone)	67500.00
RLTUWT0100TC	10000 (Domed end 5000 ltrs x 2 nos.)	112500.00
RLTUWT0140TC	14000 (Domed end 5000 ltrs x 2 nos.+Inner 4000 ltrs x 1 no.)	157500.00
RLTUWT0180TC	18000 (Domed end 5000 ltrs x 2 nos.+Inner 4000 ltrs x 2 nos.)	202500.00
RLTUWT0220TC	22000 (Domed end 5000 ltrs x 2 nos.+Inner 4000 ltrs x 3 nos.)	261800.00
RLTUWT0260TC	26000 (Domed end 5000 ltrs x 2 nos.+Inner 4000 ltrs x 4 nos.)	309400.00
RLTUWT0300TC	30000 (Domed end 5000 ltrs x 2 nos.+Inner 4000 ltrs x 5 nos.)	357000.00

Tanks upto 90000 ltrs are also made available.



### THE SYSTEM

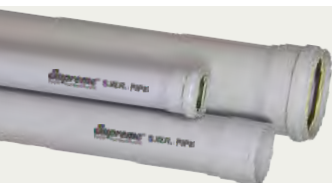
Supreme is the pioneer in introducing efficient PVC S.W.R. drainage system in India. It has successfully replaced conventional CI and AC drainage systems. The Supreme S.W.R. drainage system is designed for quick and efficient removal of waste without leakage. It is highly resilient, tough and durable with high tensile and impact strength. Moreover it is free from scale formation, rusting, weathering and chemical action. It is virtually immune to attack from bacteria, fungi, micro-organisms and insects. Thus, the system is a long term solution for building drainage with estimated life over 50 years. In addition to the various benefits, it is more cost effective than any conventional drainage system.

#### Product Specifications and Range

Pipes and Fittings are available in 40 to 200 mm sizes. Pipes conforms to IS:13592-92 and fittings conforms to IS:14735-99.

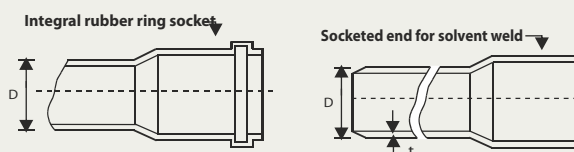
#### FEATURES AND BENEFITS

- **High quality and wide range**-The system consists of pipes and a wide range of fittings with various traps and accessories which makes the system complete in all respect and hence customer do not need to rely on traditional or conventional products.
- **Quick and efficient removal of waste without leakage**-Mirror smooth and restriction free inner surface of pipes and fittings ensures superior flow characteristics making the system free from the problems of clogging and drain choke-up. Supreme SWR system is completely leak-proof and designed to maintain high standards of hygiene.
- **Strong and longer lasting**-This system is highly resilient, tough and durable with high tensile and high impact strength. Moreover, it is free from the problems caused by scale formation, rusting weathering and chemical reaction and hence it lasts for a lifetime.
- **Excellent chemical and corrosion resistance**-Being non-metallic, this system is completely free from corrosion and offers a very good resistance to a wide range of chemicals.
- **UV resistance**-It eliminates the adverse effects of sunlight and weather, making it suitable for safe outdoor installations.
- **Quick and convenient installation**-Being extremely light in weight and provided with special rubber jointing technique, installation of this system becomes very easy.



#### PIPES

#### Pipes conform to IS:13592-2013



Nominal outside diameter (D) in mm	Tolerance on outside diameter (mm)	EX.FAC RATE- Pasted (3 Mtr)				EX.FAC RATE - Pasted (6 Mtr)		EX.FAC RATE- Fix 'O' Ring (3 Mtr)			
		Type-A		Type-B		Type-A	Type-B	Type-A		Type-B	
		SS	DS	SS	DS	SS	SS	SS	DS	SS	DS
75	+ 0.3	443.00	467.00	781.00	805.00	869.00	1557.00	447.00	473.00	784.00	810.00
90	+ 0.3	608.00	626.00	896.00	977.00	1125.00	1761.00	612.00	631.00	904.00	983.00
110	+ 0.4	799.00	850.00	1151.00	1203.00	1565.00	2276.00	803.00	859.00	1161.00	1211.00
160	+ 0.5	1814.00	1823.00	2148.00	2165.00	3506.00	4219.00	1821.00	1837.00	2153.00	2180.00

Nominal outside diameter (D) in mm	Tolerance on outside diameter (mm)	EX.FAC RATE- Pasted Single Socket								EX.FAC RATE- Pasted Double Socket							
		Type-A				Type-B				Type-A				Type-B			
		2 Ft	3 Ft	4 Ft	6 Ft	2 Ft	3 Ft	4 Ft	6 Ft	2 Ft	3 Ft	4 Ft	6 Ft	2 Ft	3 Ft	4 Ft	6 Ft
75	+ 0.3	120.00	167.00	206.00	277.00	194.00	276.00	360.00	511.00	122.00	169.00	209.00	300.00	196.00	277.00	364.00	518.00
90	+ 0.3	166.00	203.00	296.00	380.00	209.00	317.00	406.00	596.00	170.00	206.00	302.00	391.00	214.00	321.00	413.00	602.00
110	+ 0.4	201.00	276.00	353.00	490.00	270.00	391.00	516.00	735.00	206.00	281.00	359.00	521.00	274.00	396.00	521.00	776.00
160	+ 0.5	386.00	591.00	787.00	1118.00	528.00	784.00	1004.00	1451.00	396.00	601.00	794.00	1157.00	536.00	794.00	1013.00	1466.00

Nominal outside diameter (D) in mm	Tolerance on outside diameter (mm)	EX.FAC RATE- Fix O Ring Single Socket								EX.FAC RATE- Fix O Ring Double Socket							
		Type-A				Type-B				Type-A				Type-B			
		2 Ft	3 Ft	4 Ft	6 Ft	2 Ft	3 Ft	4 Ft	6 Ft	2 Ft	3 Ft	4 Ft	6 Ft	2 Ft	3 Ft	4 Ft	6 Ft
75	+ 0.3	123.00	170.00	209.00	281.00	196.00	278.00	364.00	516.00	126.00	173.00	211.00	307.00	200.00	281.00	370.00	524.00
90	+ 0.3	169.00	206.00	300.00	383.00	213.00	320.00	412.00	601.00	176.00	213.00	308.00	397.00	220.00	326.00	417.00	608.00
110	+ 0.4	206.00	280.00	357.00	494.00	274.00	396.00	521.00	740.00	214.00	289.00	367.00	529.00	281.00	404.00	529.00	784.00
160	+ 0.5	393.00	599.00	791.00	1125.00	533.00	791.00	1011.00	1456.00	411.00	615.00	809.00	1172.00	552.00	809.00	1028.00	1478.00

#### FITTINGS

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC RATE
MP1SRPCP050L	50	RxR	120	37.50
MP1SRPCP075L	75	RxR	40	60.00
MP1SRPCP090L	90	RxR	60	76.20
MP1SRPCP110L	110	RxR	36	102.00
MP1SRPCP160L	160	RxR	18	224.20
(Fix 'O' Ring)				
NP1SCRCP111L	110	CRxCR	36	138.80
NP1SCRCP160L	160	CRxCR	12	233.60
NP1SCRCP200L	200	CRxCR	4	506.30



Coupler

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC RATE
MP1SPTCP040L	40	SxS	200	12.20
MP1SPTCP075L	75	SxS	60	38.50
MP1SPTCP090L	90	SxS	36	51.60
MP1SPTCP110L	110	SxS	60	73.90
MP1SPTCP161L	160	SxS	16	160.00




















Coupler

MP1SRPRC075L	75	RxR	40	65.50
MP1SRPRC110L	110	RxR	36	108.30
MP1SRPRC160L	160	RxR	18	-
(Fix 'O' Ring)				



Repair Coupler

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
MP1SRRCP076L	75	RxS	120	43.60	 <b>Connecting Coupler</b>	FPS0DBL110LG	110	RxSpg	16	288.70	 <b>Door Bend (RS/LS) (F)</b>
MP1SRRCP112L	110	RxS	45	93.80		FPS0DBR110LG	110	RxSpg	16	288.70	
NP1SCRCP111L	110	CRXCR	45	138.80		(Fix 'O' Ring)					
MP1SRPBE050L	50	RxSpg	80	41.30	 <b>Bend 87.5°</b>	NP1SPTDE050L	50	SxS	75	43.00	 <b>Door Elbow (TS)</b>
MP1SRPBE075L	75	RxSpg	26	70.80		NP1SPTDE063L	63	SxS	80	66.40	
MP1SRPBE090L	90	RxSpg	36	105.80		NP1SPTDE160L	160	SxS	7	402.00	
MP1SRPBE110L	110	RxSpg	21	143.00							 <b>Long Swept Bend</b>
MP1SRPBE160L	160	RxSpg	7	354.70							
(Fix 'O' Ring)											
NP1SCRBE075L	75	CRxSpg	65	85.00							
NP1SCRBE110L	110	CRxSpg	24	198.70							
MP1SPTBE040L	40	SxSpg	120	20.60	 <b>Bend 90°</b>	NP1SCRSB111L	110	CRxCR	10	256.70	 <b>Swept Bend</b>
MP1SPTBE075L	75	SxSpg	65	62.20							
MP1SPTBE090L	90	SxSpg	45	97.40							
MP1SPTBE110L	110	SxSpg	25	107.60							
MP1SPTBR160L	160 (Rib)	SxSpg	7	275.70							
MP1SPTL075L	75	SxS	80	47.70	 <b>Variable Bend (0-30°)</b>	MP1SPTS110L	110	SxS	20	143.60	 <b>Variable Bend (0-30°)</b>
MP1SPTL090L	90	SxS	45	80.50							
MP1SPTL110L	110	SxS	28	106.50							
MP1SPTBN140L	140	SxS	7	211.90							
NP1SRPDB050L	50	RxSpg	60	55.70	 <b>Door Bend 87.5°(TS)</b>	NP3SCRVB110L	110	CRxCR	20	313.00	 <b>Door Bend 87.5°(TS)</b>
NP1SRPDB075L	75	RxSpg	24	88.00							
NP1SRPDB090L	90	RxSpg	30	131.90							
NP1SRPDB110L	110	RxSpg	18	172.10	 <b>Bend 45°</b>	MP1SRPBF050L	50	RxSpg	95	36.40	 <b>Bend 45°</b>
NP1SRPDB160L	160	RxSpg	7	426.10		MP1SRPBF075L	75	RxSpg	80	55.60	
(Fix 'O' Ring)						MP1SRPBF090L	90	RxSpg	50	96.50	
NP1SRHDB076L	75	CRxSpg	50	99.70		MP1SRPBF110L	110	RxSpg	30	120.40	
NP1SCRDB112L	110	CRxSpg	18	223.20		MP1SRPBF160L	160	RxSpg	10	269.60	
NP1SCRDB160L	160	CRxSpg	7	383.90	(Fix 'O' Ring)						
NP1SPTDB075L	75	SxSpg	60	79.50	NP1SCRBF075L	75	CRxSpg	80	73.90	 <b>Reducing Bend 45°</b>	
NP1SPTDB090L	90	SxSpg	36	115.40	NP1SCRBF111L	110	CRxSpg	24	144.20		
NP1SPTDB110L	110	SxSpg	20	134.60	NP1SCRBF160L	160	CRxSpg	10	281.30		
NP1SPTDB160L	160	SxSpg	8	300.00	MP1SPTBF040L	40	SxS	140	15.60	 <b>Reducing Bend 45°</b>	
					MP1SPTBF050L	50	SxS	125	21.80		
					MP1SPTBF063L	63	SxS	65	35.20		
					MP1SPTBF075L	75	SxSpg	100	52.10		
					MP1SPTBF090L	90	SxSpg	55	84.80		
					MP1SPTBF110L	110	SxSpg	36	100.60		
					MP1SPTBF160L	160 (Rib)	SxS	10	234.40		
					MP1SPTBF161L	160	SxSpg	12	226.20		
NP1SPTDE075L	75	SxS	60	62.50	MP1SPTRF110L	110x75	SxSpg	25	64.70	 <b>Door Bend with Vent</b>	
NP1SPTDE090L	90	SxS	35	102.80	MP1SPTRF111L	110x90	SxSpg	20	76.70		
NP1SPTDE110L	110	SxS	24	134.00						 <b>Door Bend with Vent</b>	
NP1SPTDE140L	140	SxS	7	257.90							
NP1SRPDB111L	110x50	RxSpg	18	182.90							
(Fix 'O' Ring)											









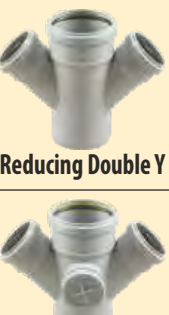






R-Rubber ring, CR-Click ring, S-Solvent type (pasted), Spg-Spigot end.










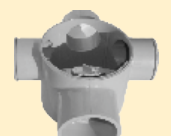

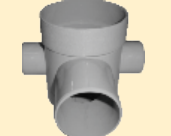

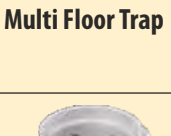












Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
NP1SPDTR160L	160x110 (RH)	SxSxSpg	5	335.20		NP1SRRRX110L	110x75	RxRxRxSpg	12	251.20	
NP1SPDTL160L	160x110 (LH)	SxSxSpg	5	335.20		NP1SCRDX160L	160x110	CRxCRxCRxSpg	5	530.90	
MP1SRPTS111L	110x75	RxRxSpg	18	187.50		MP1SRPYP050L	50	RxRxSpg	45	70.70	
NP1SRPTS161L (Fix 'O' Ring)	160x110	RxRxSpg	6	400.80		MP1SRPYP075L	75	RxRxSpg	32	125.50	
MP1SPTRT160L	160x110	SxSxSpg	8	334.10	MP1SRPYP090L	90	RxRxSpg	20	175.80		
NP1SRPTD111L	110x75	RxRxSpg	12	225.00	MP1SRPYP110L	110	RxRxSpg	11	218.00		
NP1SRPTD161L (Fix 'O' Ring)	160x110	RxRxSpg	6	417.60	MP1SRPYP160L (Fix 'O' Ring)	160	RxRxSpg	4	691.40		
NP1SPSDT111L	110x75	SxSxSpg	18	185.60	NP1SRHYP075L	75	CRxCRxSpg	32	140.60		
MP1SRRCT090L	90	RxRxRxSpg	18	180.40	MP1SCRYP111L	110	CRxCRxSpg	12	302.30		
MP1SRPCT075L	75	RxRxRxSpg	28	152.30	MP1SPTY040L	40	SxSxS	55	38.50		
MP1SRPCT110L	110	RxRxRxSpg	11	246.10	MP1SPTY050L	50	SxSxS	50	52.10		
MP1SRPCT160L (Fix 'O' Ring)	160	RxRxRxSpg	3	720.80	MP1SPTY063L	63	SxSxS	60	-		
MP1SPTCT075L	75	SxSxSxSpg	36	109.70	MP1SPTY160L	160	SxSxS	4	629.30		
MP1SPTCT110L	110	SxSxSxSpg	12	210.30	MP1SPTY075L	75	SxSxSpg	40	97.10		
NP1SRPDX075L	75	RxRxRxSpg	20	234.40	MP1SPTY090L	90	SxSxSpg	24	151.20		
NP1SRPDX110L (Fix 'O' Ring)	110	RxRxRxSpg	8	304.70	MP1SPTY110L	110	SxSxSpg	16	193.40		
NP1SPTDX075L	75	SxSxSxSpg	24	140.70	MP1SPTY161L	160	SxSxSpg	4	527.30		
NP1SPTDX110L	110	SxSxSxSpg	9	260.70	NP1SPTYR075L	75(LH)	RxRxSpg	25	126.60		
NP1SCRCT161L	160x110	CRxCRxCRxSpg	6	479.90	NP1SRPYR075L	75(RH)	RxRxSpg	25	155.30		
						NP1SPTYR110L	110(LH)	RxRxSpg	8	260.20	
						NP1SRPYR110L (Fix 'O' Ring)	110(RH)	RxRxSpg	8	288.70	
						NP1SPTYL075L	75(LH)	SxSxSpg	30	126.60	
						NP1SPTYR075L	75(RH)	SxSxSpg	30	126.60	
						NP1SPTYL110L	110(LH)	SxSxSpg	10	260.20	
						NP1SPTYR110L	110(RH)	SxSxSpg	10	260.20	
						MP1SRPRY110L	110x75	RxRxSpg	16	179.60	
						MP1SRPRY111L	110X90	RxRxSpg	18	-	
						MP1SRPRY161L	160x75	RxRxSpg	8	366.20	
						MP1SRPRY160L (Fix 'O' Ring)	160x110	RxRxSpg	5	558.80	
						MP1SPTRY110L	110x75	SxSxSpg	20	157.10	
						MP1SPTRY160L	160x110	SxSxSpg	6	421.90	








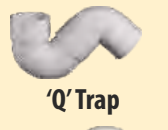



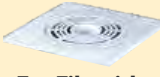












R-Rubber ring, CR - Click ring, S - Solvent type (pasted), Spg - Spigot end.

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		
MP1SRPRY112L	110x50	RxSxSpg	22	139.70		MP1SPTER075L	75x50	SpgxS	100	25.60		
					<b>Reducing Y</b>	MP1SPTER110L	110x50	SpgxS	40	50.00		
						MP1SPTER111L	110x75	SpgxS	40	54.30		
NP1SPTRY160L	160x110	SxSxSpg	5	492.20		MP1SPTSP040L	40	Spg	300	7.80		
					<b>Reducing Y with Door</b>	MP1SPTSP050L	50	Spg	300	11.20		
						MP1SPTSP075L	75	Spg	75	35.20		
						MP1SPTSP110L	110	Spg	100	53.90		
MP1SRPYY075L	75	RxRxRxSpg	20	161.70		MP1SPTBP110L	110x63	SxS	18	161.20		
MP1SRPYY090L	90	RxRxRxSpg	12	252.00								
MP1SRPYY110L (Fix 'O' Ring)	110	RxRxRxSpg	7	322.40		<b>Double Y</b>						
MP1SPTY075L	75	SxSxSxSpg	24	140.60		MP1SPTBC063L	110x63	S	55	26.30		
MP1SPTY090L	90	SxSxSxSpg	16	177.60								
MP1SPTY110L	110	SxSxSxSpg	8	246.10		<b>Double Y with Door</b>	Note: This product is designed for venting purpose.					
NP1SRPYD075L	75	RxRxRxSpg	18	228.80		MP1SPTBS075L	75x40	S	200	22.10		
NP1SRPYD090L	90	RxRxRxSpg	10	290.10			MP1SPTBS076L	75x50	S	175		22.10
NP1SRPYD110L (Fix 'O' Ring)	110	RxRxRxSpg	6	380.90		<b>Reducing Double Y</b>	MP1SPTBS110L	110x40	S	84		67.80
NP1SPTYD075L	75	SxSxSxSpg	15	165.30		MP1SPTBS111L	110x50	S	84	71.60		
NP1SPTYD090L	90	SxSxSxSpg	10	230.30	<b>Double Y with Door</b>	MP1SPTBS113L	110x63	S	36	75.50		
NP1SPTYD110L	110	SxSxSxSpg	6	334.10		MP1SPTBS112L	110x75	S	36	75.50		
MP1SRPYY111L	110x75	RxRxRxSpg	12	236.70		NP1SRPCL075L	75	RxSpg	22	90.80		
MP1SRPYY161L (Fix 'O' Ring)	160x110	RxRxRxSpg	4	498.10		<b>Reducing Double Y with Door</b>	NP1SRPCL110L	110	RxSpg	18		186.40
							NP1SRRCL090L	90	RxSpg	30	152.70	
NP1SRPDY111L	110x75	RxRxRxSpg	10	256.40		NP1SPTCL075L	75	SxSpg	18	74.60		
NP1SRPDY161L (Fix 'O' Ring)	160x110	RxRxRxSpg	3	574.20		<b>Reverse Y</b>	NP1SPTCL110L	110	SxSpg	24		164.90
							NP1SPTCL160L	160	SxS	7		391.20
MP1SRRRY075L	75	RxSpgxSpg	32	143.60		NP1SPTCO040L	40	Spg	1000	8.90		
					<b>Eccentric Reducer</b>	NP1SPTCO050L	50	Spg	400	15.50		
MP1SRPER090L	90x75	SpgxR	40	-		NP1SPTCO063L	63	Spg	125	28.50		
MP1SRPRD110L	110x75	SpgxR	75	88.00		NP1SPTCO075L	75	Spg	70	43.40		
MP1SRPRD111L	110x90	SpgxR	45	88.00		NP1SPTCO090L	90	Spg	55	55.40		
MP1SRPRD160L (Fix 'O' Ring)	160x110	SpgxR	24	173.00		NP1SPTCO110L	110	Spg	60	67.60		
MP1SPTER112L	110x75	SpgxS	30	77.30		NP1SPTCO160L	160	Spg	17	157.00		
MP1SPTER160L	160x110	SpgxS	12	154.70		NP1SPTCO200L	200	Spg	6	430.70		
						NP1G4DAS006E (SCH 40)	2"	SxSpg	65	56.10		
















R-Rubber ring, CR - Click ring, S - Solvent type (pasted), Spg - Spigot end.

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
NP1SPTFD050D	50(PVC)	Spg	24	66.00	 <b>Floor Drain (B)</b>	NP1SPTMT004L	110x75/ (without top tile) 63x50	SxSpg/ SxSpg	27	148.10	
NP3SPTFD075D	75(PP)	Spg	14	80.90		NP1SPTMTS04L	110x75/ (with top tile) 63x50 100mm (4") height	SxSpg/ SxSpg	27	181.10	
NP1SPTX110E	110	Spg	30	84.40	 <b>Extended Top Tile with Strainer</b>	NP1SPTMT046L	110x63x50 (without top tile) 100mm (4.5") height	SxSpgxS	18	187.50	
						NP1SPTMTS46L	110x63x50 (with top tile) 100mm (4.5") height	SxSpgxS	18	225.60	
NP1SPTBD075L	75	SxSpg	14	173.50	 <b>Balcony Drain</b>	NP1SPTMT045L	110x75x50 (without top tile) 112mm (4.5") height	SxSpgxS	24	164.10	
						NP1SPTMTS45L	110x75x50 (with top tile) 112mm (4.5") height	SxSpgxS	24	199.20	
NP6SRSDS050K	50	Spg	6	2063.00	 <b>Shower Drain Channel</b>	NP1SPTMTNS5L	110x63x50	SxSpgxS	18	202.10	
NP6SRSDP050K	50 (500 mm long)	Spg	6	2063.00		NP1SPTMTSS5L	110x63x50 (with top tile)	SxSpgxS	16	237.30	
NP1SPTFT004L	110x75/63 (without top tile) 100mm (4") height	SxSpg/S	36	114.00	 <b>Plain Floor Trap</b>	NP1SPTMTN05L	110x75x50 (without top tile)	SxSxSpg	27	183.20	
NP1SPTFTS04L	110x75/63 (with top tile) 100mm (4") height	SxSpg/S	36	152.20		NP1SPTMTSN5L	110x75x50 (with top tile)	SxSxSpg	24	222.70	
NP1SPTFTN04L	110x75 (without top tile) 100 mm (4") ht. - 50 mm WS	SxSpg	27	168.60	 <b>Plain Floor Trap</b>	NP1SPTMT005L	110x90/ (without top tile) 75x50	SxSpg/ SxSpg	18	212.30	
NP1SPTFT005L	110x75 (without top tile) 125mm (5") height	SxSpg	24	153.60		NP1SPTMTS05L	110x90/ (with top tile) 75x50 125mm (5") height	SxSpg/ SxSpg	18	267.20	
NP1SPTNT065L	63	Spg	12	165.60	 <b>Nahani Trap 85mm (3.5") Premium</b>	NP1SPTMT007L	110x75x (without jali) 50/40 175mm (7") height	SxSpgx Spg/S	12	288.10	
NP1SPTNT077L	75	Spg	12	179.30		NP1SPTSMF06L	110x75x (with top tile) 50/40	SxSpgx Spg/S	18	383.90	
NP1SPTNT092L	90	Spg	12	178.70	 <b>Nahani Trap (One Piece) 85mm (3.5")</b>	NP1SPTMFS06L	110x75x (without top tile) 50/40 150mm (6") height	SxSpgx Spg/S	18	307.60	
NP1SPTNT112L	110 (with jali)	S	14	225.60		NP1SPTSMF61L	110x75x (with top tile) 50	SxSpgx S	8	476.20	
NP1SPTNTS63L	63	Spg	40	109.60	 <b>Nahani Trap (One Piece) 85mm (3.5")</b>	NP1SPTMFS61L	110x75x (without top tile) 50 150mm (6") height	SxSpgx S	8	395.60	
NP1SPTNTS75L	75	Spg	16	120.10		This product is provided with removable partition and extension provision of 110mm size at the top with or without height riser.					
NP1SPTNTS90L	90	S	16	124.60	 <b>Nahani Trap (One Piece) 85mm (3.5")</b>	MP1SPTHR110L	110x50 /40	SpgxSpg/S	22	228.60	
NP1SPTNTS10L	110	S	10	155.30		FPS0HTR110LG	110x50 /40 (F)	SxSpg/S	20	357.50	
NP1SPLNTS76L	75(LW) (with jali)	Spg	16	112.50	 <b>Nahani Trap - Deep Seal</b>	MP1SPTHR111L	110x75x50 150mm (6") height	SpgxSxS	10	249.00	
MP1SPTNTS64L	63	Spg	40	96.50							
NP1SPTNTS76L	75	Spg	16	107.00							
NP1SPTNTS91L	90	S	16	110.00							
NP1SPTNTS11L	110	S	10	142.10							
NP1SPLNTS75L	75(LW) (without jali)	Spg	16	88.00							
NP1SPTNTS50L	75x50 (with Jali)	Spg	54	66.50							
MP1SPTNTS50L	75x50 (without Jali)	Spg	54	58.80							
NP1SNTDS050L	110x50	Spg	20	136.00							
NP1SNTDS110L	110x110	Spg	12	178.10							

R-Rubber ring, CR-Click ring, S-Solvent type (pasted), Spg-Spigot end, FT-Female thread.

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
FPS0HTR111LG	110x50 /40 (4.5") height	SxSpg/S		319.00		NP1SPTPT075L	75x75	SxSpg	30	152.90	
FPS0HTR112LG	110x50 /40 (6") height	SxSpg/S		-		NP1SPTPS110L	110x110	SxSpg (Short)	11	278.70	
Used to raise the height of the floor traps / P-traps					<b>Height Riser</b>	NP1SPTPC110L	110x110	SxSpg	9	316.40	
NP3SRREP110B	110	Spg	16	996.10		NP1SPTPT110L	110x110	SxSpg	11	320.00	
					<b>Extension Piece</b> (with S.S. grating cover)	NP1SPTUT110L	110x110	SxSpg	12	260.20	
NP3SPTAT110B	110	Spg	16	988.910		NP1SPTQT110L	110x110	SxSpg	10	351.10	
					<b>Anchor Top Tile with SS Grating</b>	NP1SPTQT125L	125x110	SxSpg	10	481.00	
NP1SPTTT110L	110x110 2 pc.	S	100	43.70		NP1SPTST110L	110x110	SxSpg (Short)	10	442.40	
					<b>Top Tile with Central Strainer</b>	NP1SPTST125L	125x110	SxSpg (Short)	8	562.50	
NP1SPTTT150E	150x150 2 pc.	Spg	65	79.50		NP1SPTSL110L	110x110	SxSpg (Long)	5	556.70	
NP1SPTTT200E	200x200 2 pc.	Spg	50	95.60		NP1SPTGT110L	160x110	SxSpg (Short)	6	457.40	
NP1SPTTT151E	150x150 3 pc.	Spg	65	82.80		NP1SPTGL160L	160x110	SxSpg (Long)	5	556.70	
					<b>Top Tile with Central Strainer &amp; Flat Cover</b>	NP1SPTRC110L	110	S	20	276.00	
NP1SPTTK063L	110x63	SxS	12	197.90							
NP1SPTTK075L	110x75	SxS	10	234.40	<b>Kitchen Line Trap</b>	NP1SRPBM110L	110x75	SxR	12	322.40	
					<b>Kitchen Line Trap</b>	(Fix 'O' Ring)					
NP1SPTPT032E	32	FTxSPG	6	293.00		NP1SPTBM110L	110x75	SxS	12	298.20	
NP1SPTPT040E	40	FTxSPG	4	503.90		NP1SPTBM111L	110x75	SxSpg	9	329.60	
					<b>Wash Basin 'P' Trap</b>	NP1SPTBM112L	110x90	SxSpg	9	344.30	
NP1SPTWA040L	40	FTxS	300	15.30		FPS0WCM110LG	110x90	SxS	1	922.90	
NP1SPTWA050L	50	FTxS	180	20.50	<b>Waste Coupling Coupler</b>	Note: Designed to simplify the connections of toilets in series and quick installation. Most useful for public toilets and commercial constructions where many toilets in series are required to be connected to the common drain.					
					<b>Waste Coupling Coupler</b>	FWCPCST110W	125x110	RxR	22	330.00	
					<b>Waste Coupling Coupler</b>	<b>Flexi WC Pan Connector Straight</b>					

R-Rubber ring, CR-Click ring, S-Solvent type (pasted), Spg-Spigot end.

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
NFWCPCOF110W	125x110	RxR	18	380.60	 <b>Flexi WC Pan Connector Offset</b>	MP1SPTVC051L	50	S	280	25.80	 <b>Vent Cowl with Wire Mesh</b>
						MP1SPTVC064L	63	S	132	37.00	
						MP1SPTVC076L	75	S	90	42.60	
						MP1SPTVC091L	90	S	48	61.00	
						MP1SPTVC111L	110	S	32	77.50	
						MP1SPTVC161L	160	S	26	155.10	
MP1SPTWC125L	125x110	RxSpg	15	144.50	 <b>WC Connector Straight (Reducer type)</b>	NP1SPTVC075L	75	S	100	46.90	 <b>Vent Cowl Premium (with Wire Mesh)</b>
						NP1SPTVC110L	110	S	57	80.60	
MP1SPTWB110L	110	RxSpg	21	194.60	 <b>WC Connector (Bend)</b>	NA1SPTAV110D	110	Spg	12	732.50	 <b>Air Admittance Valve</b>
FPS0WCC116LG	110x12"	RxSpg	20	200.70	 <b>WC Connector Straight (F)</b>	MP1SPTPC050L	50		230	11.70	 <b>Pipe Clip</b>
FPS0WCC110LG	110x18"	RxSpg	12	298.90		MP1SPTPC063L	63		220	13.00	
FPS0WCC114LG	110x22"	RxSpg	10	361.90		MP1SPTPC075L	75		350	17.20	
FPS0WCC117LG	110x24"	RxSpg	10	401.30		MP1SPTPC090L	90		325	18.70	
FPS0WCC119LG	110x32"	RxSpg	5	451.20		MP1SPTPC110L	110		200	24.80	
						MP1SPTPC160L	160		100	45.80	
						MP1SPTPC200L	200		50	99.70	
NP2SPTDR009L	110	Spg	8	1076.70	 <b>Domed Roof Outlet</b>	NP1SPTSG110L	110	Spg	6	534.80	 <b>Square Gully Trap (IP)</b>
NP2SPTSR110D	110	Spg	8	842.30	 <b>Siphonic Roof Outlet</b>	4129538	25(1")		16	156.10	 <b>Clevis Hanger (Second Sale)</b>
						4129539	32(1¼")		15	173.10	
						4129540	40(1½")		10	190.70	
						4100280	50(2")		10	90.00	
						4100281	65(2½")		10	115.00	
						4100282	80(3")		4	165.00	
						4100283	100(4")		4	206.00	
						4100284	150(6")		2	313.00	
MP1SPTVC050L	50	S	320	12.10	 <b>Vent Cowl</b>	<b>Item Code</b>	<b>Size</b>	<b>Box qty.</b>	<b>EX.FAC</b>		 <b>Rubber Lubricant</b>
MP1SPTVC063L	63	S	144	15.40		SBSILAI0010	100g	100	28.00		
MP1SPTVC075L	75	S	99	19.80		SBSILAI0025	250g	40	56.00		
MP1SPTVC090L	90	S	72	28.50		SBSILAI0050	500g	20	100.00		
MP1SPTVC110L	110	S	66	29.90							
MP1SPTVC160L	160	S	60	62.70							
MP1SPTVC200L	200	S	21	193.90							
LP1SPTDC063L	63	S	-	29.30	 <b>Door Cap</b>						
LP1SPTDC075L	75	S	300	36.70							
LP1SPTDC090L	90	S	250	41.60							
LP1SPTDC110L	110	S	150	52.80							

R-Rubber ring, CR - Click ring, S - Solvent type (pasted), Spg - Spigot end.

### THE SYSTEM

Supreme is the pioneer in introducing the uPVC S.W.R. drainage system in India. This efficient and trouble free system has replaced the conventional CI and AC drainage products from the market. Skyrise low noise drainage system is yet another finest system offered by the company for high rise buildings and premium projects. In addition to these two building drainage systems, recently we have introduced a new system for affordable housing segment under the brand name 'Streamline'. This pocket friendly building drainage system is designed to meet all the functional requirements of the affordable housing sector. Though light in weight this system is strong enough to provide long service life and also offers many other advantages.

### Product Specifications and Range









Pipes and fittings are available in 75 and 110mm sizes. Different types of pipes and fittings in the range are enlisted in the table given below.

### PIPES

Nominal outside diameter	Tolerance on outside diameter	Wall thickness		Fix 'O' Ring	Pasted	Pasted
		Min	Max	EX.FAC RATE 3 Mtr	EX.FAC RATE 3 Mtr	EX.FAC RATE 6 Mtr
75	+ 0.3	1.40	1.60	375.00	371.00	741.00
110	+ 0.4	1.50	1.65	627.00	622.00	1242.00

(all dimensions are in mm)

### FITTINGS










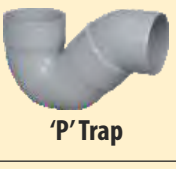

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC RATE		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC RATE	
MP1SFRCP075L	75	RxR	125	46.90		NP1SFRDB075L	75	RxSpg	50	70.40	
MP1SFRCP110L (Fix 'O' Ring)	110	RxR	48	78.60		NP1SFRDB110L (Fix 'O' Ring)	110	RxSpg	20	137.20	
MP1SSPCP075L	75	SxS	140	27.00		NP1SSPDB075L	75	SxSpg	60	66.80	
MP1SSPCP110L	110	SxS	60	50.50		NP1SSPDB110L	110	SxSpg	20	127.50	
					<b>Coupler</b>						<b>Door Bend 87.5°(TS)</b>
MP1SFRBE075L	75	RxSpg	70	57.50		MP1SFRBF075L	75	RxSpg	90	42.20	
MP1SFRBE110L (Fix 'O' Ring)	110	RxSpg	25	106.70		MP1SFRBF110L (Fix 'O' Ring)	110	RxSpg	32	84.40	
MP1SSPBE075L	75	SxSpg	75	44.60		MP1SSPBF075L	75	SxSpg	100	34.10	
MP1SSPBE110L	110	SxSpg	24	95.00		MP1SSPBF110L	110	SxSpg	36	72.20	
					<b>Bend 87.5°</b>						<b>Bend 45°</b>

R-Rubber ring, S - Solvent type (pasted), Spg - Spigot end.

### FEATURES AND BENEFITS

- Quick and efficient disposal of waste
- Excellent chemical and corrosion resistance
- Light in weight
- UV resistance
- Quick and convenient installation
- Minimal maintenance
- Cost effective solution for affordable housing
- Manufactured as per company standards



Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
MP1SFRST075L	75	RxRxSpg	45	<b>76.20</b>		NP1SFRDT111L	110x75	RxRxSpg	18	<b>136.00</b>	
MP1SFRST110L (Fix 'O' Ring)	110	RxRxSpg	18	<b>152.30</b>		NP1SSPDT111L	110x75	SxSxSpg	20	<b>119.60</b>	
MP1SSPST075L	75	SxSxSpg	50	<b>58.60</b>							
MP1SSPST110L	110	SxSxSpg	18	<b>117.20</b>							
NP1SFRDT075L	75	RxRxSpg	40	<b>92.60</b>		MP1SFRYP075L	75	RxRxSpg	36	<b>93.80</b>	
NP1SFRDT110L (Fix 'O' Ring)	110	RxRxSpg	15	<b>178.10</b>		MP1SFRYP110L	110	RxRxSpg	12	<b>189.80</b>	
NP1SSPDT075L	75	SxSxSpg	40	<b>83.30</b>		MP1SSPYP075L	75	SxSxSpg	40	<b>76.20</b>	
NP1SSPDT110L	110	SxSxSpg	15	<b>150.00</b>		MP1SSPYP110L	110	SxSxSpg	16	<b>159.40</b>	
MP1SFRRT110L (Fix 'O' Ring)	110x75	RxRxSpg	20	<b>119.60</b>		NP1SSPDY075L	75	SxSxSpg	32	<b>98.50</b>	
MP1SSPRT110L	110x75	SxSxSpg	24	<b>99.70</b>		NP1SSPDY110L	110	SxSxSpg	12	<b>196.90</b>	
						NP1SLPPS110L	110x110	RxSpg	13	<b>234.40</b>	
						NP1SLPPT125L (w/o WC ring)	125x110	RxSpg	13	<b>239.10</b>	
						NP1SLPPS125L (with WC ring)	125x110	RxSpg	13	<b>304.70</b>	
						NP1SLPSS110L	110x110	RxSpg	10	<b>332.90</b>	

R-Rubber ring, S- Solvent type (pasted), Spg - Spigot end.



## THE SYSTEM

Supreme Skyrise® S.W.R. drainage system is a premium product especially designed for hotels, hospitals, high rise buildings, and premium projects where regular S.W.R. do not meet the application requirements. Such buildings require a soil system which is strong enough to withstand site handling and other application requirements. Designed to meet strictest demands of strength and other mechanical properties, this thick walled, high density Skyrise® S.W.R. drainage system is additionally equipped with low noise features. This makes it suitable for the projects where sound beyond a certain decibel level is not desirable. Thus, a combination of strength and low noise has made this product an excellent choice for high rise buildings. It is the best plastic alternative to CI drainage system. As a pioneer in the field, it is with great pride we have introduced this system in the market to improve present drainage system.

**Product Specifications and Range** - Supreme Skyrise® S.W.R. drainage system is manufactured in 50, 75, 110, 160 and 200mm dia. sizes in specially designed rubber seal joints besides pasted variety. Wall thicknesses of pipes and fittings are designed to make the product strong, durable and soundproof. This system conforms and exceeds EN1329 standard requirements.

**Raw Material** - Considering superior properties of PVC like higher modulus of elasticity and high density among the popular thermoplastics, Supreme Skyrise® drainage system is made from mineral reinforced PVC for improved sound insulation.

**Fields of Application** - Skyrise® is specially designed for high-rise buildings and premium construction projects where low noise properties along with good mechanical properties are essentially required. Skyrise® is an ideal solution for all types of professional wastewater installations.

## FEATURES AND BENEFITS

**Strong and durable** - Every component of the system is designed to provide adequate strength to make it strong against various forces encountered during and after the installation.

**Improved noise insulation** - Use of mineral reinforced special compounds having increased molecular weight, extra wall thickness and ribs on the external face of fittings make the system almost sound proof. Skyrise® noise levels as certified by Fraunhofer Lab, Germany are 17 and 20 decibels corresponding to 2 and 4 ltrs/ sec. respectively.

**Extensive range of pipes and fittings** - Complete range in push fit - rubber seal type joints as well as pasted type joints are made available in 50 to 200mm sizes.

**Smooth bore - better flow** - No clogging - mirror smooth internal surface of "Skyrise®" helps to avoid sedimentation and lime deposition.

**Easy and leak proof joints** - Unique design of joints with click ring and specially designed rubber seals with reinforcing rings makes the joints absolutely water tight. Unlike normal sealing rings, the sealing rings provided with "Skyrise®" cannot be easily removed which guarantees a perfect hydraulic seal and total safety during installation. It eliminates the scope of leakage under any circumstance.

**Light weight as compared to CI** - Light weight and easy jointing technique makes the installation job very simple, easy and quick.

**Unique design and elegant appearance**

**Swept entry design of the tee's to meet UPC requirements.**

**Excellent corrosion and chemical resistance** - Skyrise® offers great resistance to corrosion and a wide range of chemical agents as a result the system offers long life beyond 50 year's.

**Good fire resistant properties** - PVC is self-extinguisher of fire. It is classified as B-S1-dO (B = Low speed of fire spread and heat emission, S1 = Low quantity and speed of smoke emission, dO = No flaming drip's are produced).

**Compatible with existing S.W.R. systems**

**Cost effective** - "Skyrise®" offers cost advantage over CI and other similar products available in the market.













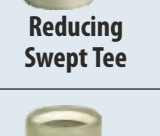




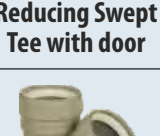




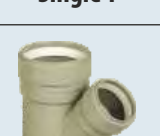
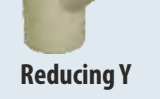
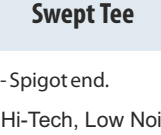


## PIPES

### Dimensions of Skyrise pipes (3 MTR)











Size	Tolerance on outside diameter	Single Socket		Double Socket	
		EX.FAC Q/F	EX.FAC R/R	EX.FAC Q/F	EX.FAC R/R
50	+ 0.3	642.00	668.00	-	-
75	+ 0.3	1133.00	1171.00	1218.00	1266.00
110	+ 0.4	1740.00	1848.00	1836.00	1924.00
160	+ 0.5	3203.00	3231.00	3299.00	3610.00
200	+ 0.6	4402.00	4437.00	-	-










*Pipe thicknesses conforms to and exceeds EN:1329. Pipe length is 3m inclusive of socket length along with different lengths are made available.*

## FITTINGS

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC		Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
MP1KRPCP050T	50	RxR	100	<b>66.00</b>		NP1KRPTD050T	50	RxRxSpg	40	<b>128.90</b>	
NP1KCRCP075T	75	CRxCR	36	<b>139.20</b>		NP1KCRDT075T	75	CRxCRxSpg	10	<b>392.60</b>	
NP1KCRCP110T	110	CRxCR	18	<b>265.20</b>		NP1KCRDT110T	110	CRxCRxSpg	4	<b>729.50</b>	
NP1KCRCP160T	160	CRxCR	12	<b>571.40</b>		NP1KCRDT160T	160	CRxCRxSpg	4	<b>1098.70</b>	
NP1KCRCP200T	200	CRxCR	4	<b>769.10</b>	<b>Coupler</b>	NP1KRRDT200T	200	CRxCRxSpg	1	<b>1769.60</b>	
MP1KPTCP050T	50	SxS	150	<b>35.20</b>		NP1KPTDTS50T	50	SxSxS	40	<b>111.40</b>	
MP1KPTCP075T	75	SxS	60	<b>76.20</b>		NP1KPTDT050T	50	SxSxSpg	40	<b>106.70</b>	
MP1KPTCP110T	110	SxS	24	<b>124.60</b>		NP1KPTDT075T	75	SxSxSpg	12	<b>271.10</b>	
MP1KPTCP160T	160	SxS	24	<b>329.60</b>		NP1KPTDT110T	110	SxSxSpg	12	<b>542.00</b>	
MP1KPTCP200T	200	SxS	6	<b>446.90</b>		NP1KPTDT160T	160	SxSxSpg	4	<b>835.00</b>	
MP1KRPBE050T	50	RxSpg	80	<b>70.40</b>		NP1KPTDT200T	200	SxSxSpg	2	<b>1394.60</b>	
NP1KCRBE075T	75	CRxSpg	24	<b>164.10</b>		NP1KCRRT110T	110x75	CRxCRxSpg	6	<b>392.60</b>	
NP1KCRBE110T	110	CRxSpg	8	<b>322.40</b>		NP1KCRRT160T	160x110	CRxCRxSpg	5	<b>807.20</b>	
NP1KCRBE160T	160	CRxSpg	7	<b>649.10</b>		MP1KPTRT110T	110x75	SxSxSpg	20	<b>315.00</b>	
NP1KCRBE200T	200	CRxSpg	3	<b>1007.90</b>	<b>Bend 87.5°</b>	MP1KPTRT160T	160x110	SxSxSpg	8	<b>637.40</b>	
MP1KPTBES50T	50	SxS	85	<b>58.60</b>		NP1KCRDB050T	50	RxSpg	60	<b>88.00</b>	
MP1KPTBE050T	50	SxSpg	95	<b>52.80</b>		NP1KCRDB075T	75	CRxSpg	20	<b>211.00</b>	
MP1KPTBE075T	75	SxSpg	27	<b>131.90</b>		NP1KCRDB110T	110	CRxSpg	6	<b>385.40</b>	
MP1KPTBE110T	110	SxSpg	9	<b>256.40</b>		NP1KCRDB160T	160	CRxSpg	6	<b>707.60</b>	
MP1KPTBE160T	160	SxSpg	8	<b>512.70</b>		NP1KCRDB200T	200	CRxSpg	3	<b>1091.30</b>	
MP1KPTBE200T	200	SxSpg	4	<b>864.30</b>	<b>Bend 87.5° with Door</b>	NP1KPTDBS50T	50	SxS	60	<b>75.00</b>	
NP1KRDPB050T	50	RxSpg	60	<b>88.00</b>		NP1KPTDB050T	50	SxSpg	75	<b>68.00</b>	
NP1KCRDB075T	75	CRxSpg	20	<b>211.00</b>		NP1KPTDB075T	75	SxSpg	20	<b>170.00</b>	
NP1KCRDB110T	110	CRxSpg	6	<b>385.40</b>		NP1KPTDB110T	110	SxSpg	8	<b>310.60</b>	
NP1KCRDB160T	160	CRxSpg	6	<b>707.60</b>	<b>Bend 87.5° with Door</b>	NP1KPTDB160T	160	SxSpg	8	<b>594.80</b>	
NP1KCRDB200T	200	CRxSpg	3	<b>1091.30</b>		NP1KPTDB200T	200	SxSpg	4	<b>937.50</b>	
NP1KPTDBS50T	50	SxS	60	<b>75.00</b>		NP1KRPF050T	50	RxSpg	95	<b>63.10</b>	
NP1KPTDB050T	50	SxSpg	75	<b>68.00</b>		NP1KCRBF075T	75	CRxSpg	24	<b>149.50</b>	
NP1KPTDB075T	75	SxSpg	20	<b>170.00</b>		NP1KCRBF110T	110	CRxSpg	10	<b>257.90</b>	
NP1KPTDB110T	110	SxSpg	8	<b>310.60</b>		NP1KCRBF160T	160	CRxSpg	10	<b>539.10</b>	
NP1KPTDB160T	160	SxSpg	8	<b>594.80</b>	<b>Bend 45°</b>	NP1KCRBF200T	200	CRxSpg	2	<b>814.50</b>	
NP1KPTDB200T	200	SxSpg	4	<b>937.50</b>		MP1KPTBFS50T	50	SxS	105	<b>51.60</b>	
MP1KRPF050T	50	RxSpg	95	<b>63.10</b>		MP1KPTBF050T	50	SxSpg	120	<b>45.80</b>	
NP1KCRBF075T	75	CRxSpg	24	<b>149.50</b>		MP1KPTBF075T	75	SxSpg	32	<b>124.60</b>	
NP1KCRBF110T	110	CRxSpg	10	<b>257.90</b>		MP1KPTBF110T	110	SxSpg	12	<b>205.10</b>	
NP1KCRBF160T	160	CRxSpg	10	<b>539.10</b>		MP1KPTBF160T	160	SxSpg	10	<b>430.70</b>	
NP1KCRBF200T	200	CRxSpg	2	<b>814.50</b>	<b>Bend 45°</b>	MP1KPTBF200T	200	SxSpg	6	<b>703.10</b>	
MP1KPTBFS50T	50	SxS	105	<b>51.60</b>		MP1KRYP050T	50	RxRxSpg	45	<b>124.60</b>	
MP1KPTBF050T	50	SxSpg	120	<b>45.80</b>		NP1KCRYP075T	75	CRxCRxSpg	12	<b>300.40</b>	
MP1KPTBF075T	75	SxSpg	32	<b>124.60</b>		NP1KCRYP110T	110	CRxCRxSpg	12	<b>545.00</b>	
MP1KPTBF110T	110	SxSpg	12	<b>205.10</b>		NP1KCRYP160T	160	CRxCRxSpg	4	<b>1169.00</b>	
MP1KPTBF160T	160	SxSpg	10	<b>430.70</b>		MP1KPTYP550T	50	SxSxS	45	<b>100.80</b>	
MP1KPTBF200T	200	SxSpg	6	<b>703.10</b>		MP1KPTY050T	50	SxSxSpg	50	<b>93.80</b>	
MP1KRST050T	50	RxRxSpg	50	<b>105.50</b>		MP1KPTY075T	75	SxSxSpg	16	<b>227.20</b>	
NP1KCRST075T	75	CRxCRxSpg	12	<b>319.40</b>		MP1KPTY110T	110	SxSxSpg	12	<b>448.20</b>	
NP1KCRST110T	110	CRxCRxSpg	12	<b>574.20</b>		MP1KPTY160T	160	SxSxSpg	4	<b>952.10</b>	
NP1KCRST160T	160	CRxCRxSpg	5	<b>1037.20</b>		NP1KCRRY111T	110x75	CRxCRxSpg	12	<b>539.50</b>	
NP1KCRST200T	200	CRxCRxSpg	1	<b>1706.60</b>		NP1KCRRY162T	160x75	CRxCRxSpg	6	<b>673.90</b>	
MP1KPTSTS50T	50	SxSxS	45	<b>93.80</b>		NP1KCRRY161T	160x110	CRxCRxSpg	5	<b>805.70</b>	
MP1KPTST050T	50	SxSxSpg	50	<b>89.10</b>		NP1KCRRY161T	160x110	CRxCRxSpg	5	<b>805.70</b>	
MP1KPTST075T	75	SxSxSpg	16	<b>241.80</b>							
MP1KPTST110T	110	SxSxSpg	12	<b>439.50</b>							
MP1KPTST160T	160	SxSxSpg	5	<b>805.70</b>							
MP1KPTST200T	200	SxSxSpg	2	<b>1303.70</b>							
					<b>Swept Tee</b>						

R-Rubber ring, CR-Click ring, S-Solvent type (pasted), Spg-Spigot end.

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
MP1KPTRY110T	110x75	SxSxSpg	15	351.60	 <b>Reducing Y</b>
MP1KPTRY162T	160x75	SxSxSpg	8	571.40	
MP1KPTRY161T	160x110	SxSxSpg	6	732.50	
MP1KRPER075T (Fix 'O' Ring)	75x50	RxSpg	90	93.80	 <b>Eccentric Reducer</b>
NP1KCRER110T	110x75	CRxSpg	16	250.60	
NP1KCRER160T	160x110	CRxSpg	6	383.90	
NP1KCRER200T	200x160	CRxSpg	4	591.80	
MP1KPTER110T	110x75	SxSpg	30	146.60	 <b>Eccentric Reducer</b>
MP1KPTER160T	160x110	SxSpg	12	322.40	
MP1KPTER200T	200x160	SxSpg	6	512.70	
NP2KCRAP110T	110	CRxSpg	6	914.10	 <b>Access Pipe</b>
NP1KPTFTN04T (without top tile)	110x75 100mm (4") height	SxSpg	24	293.00	 <b>Plain Floor Trap</b>
NP1KPSMFS06T (with top tile)	110x75x 50/40	SxSpgx Spg/S	8	593.30	 <b>Sunken Multi Floor Trap</b>
NP1KPTMFS06T (without top tile)	110x75x 50/40	SxSpgx Spg/S	8	490.80	
NP1KPTMFS61T (without top tile)	110x75x50 150mm (6") height	SxSpgxS	6	644.60	 <b>Sunken Multi Floor Trap</b>
This product is provided with removable partition and extension provision of 110mm size at the top with or without height riser.					
MP1KPTR110T	110x75/50 150mm (6") height	SxSpgxS	8	380.90	 <b>Height Riser</b>
This is used to raise the height of floor traps.					
NP3SRREP110B	110X 75X50	Spg	16	996.10	 <b>Extension Piece (with SS grating cover)</b>
NP3SPTAT110B	110	Spg	16	988.90	 <b>Anchor Top Tile with SS Grating</b>

Item Code	Size in mm	Socket Type	Box qty.	EX.FAC	
NP1KPTUT110T	110x110	SxSpg	12	403.00	 <b>'U' Trap</b>
NP1KPTPL110T	110x110	SxSpg	9	717.80	 <b>'P' Trap</b>
RLUTRV0110TG	110x110x75	RxRxR	1	4625.00	 <b>True Vent</b>
Note: Designed to improve the performance of single stack drainage system. This uniquely designed product improves the flow characteristics in the vertical stack and eliminates a separate vent stack required for venting in high rise buildings.					
RLUBLV0110TG	110x110x110 x110x110	RxRxRx RxSpg	1	1131.30	 <b>Ball Fitting</b>
RLUBLV0110BK (Fix 'O' Ring)	110x110x110 x110x110	RxRxRx RxSpg	1	1131.30	
NP1KPTVC075T	75	S	100	58.60	 <b>Vent Cowl (with wire mesh)</b>
NP1KPTVC110T	110	S	57	80.60	
NP1KPTPC110T	110	S	100	35.20	 <b>Pipe Clamp</b>
NP1KPTPC160T	160	S	60	73.20	
NP1KPTPC200T	200	S	30	108.40	
NP1KRRPC111T	110	S	75	48.40	 <b>Pipe Clamp Rubber Seal</b>
NP1KRRPC161T	160	S	50	92.30	
NP1KRRPC201T	200	S	25	134.90	
NP1KPHPC076T	75	S	50	149.50	 <b>Pipe Clamp (for noise dampening)</b>
NP1KPHPC111T	110	S	50	190.40	
4100369	50			71.30	 <b>Metal Clamp with Rubber Seal (Second Sale)</b>
4100376	65			76.30	
4100370	80			82.50	
4100371	100			94.00	
4100372	150			122.50	
4100373	200			168.80	
Note: These clamps are available with stud and anchor.					

R-Rubber ring, CR-Click ring, S-Solvent type (pasted), Spg-Spigot end.

## THE SYSTEM

Supreme underground drainage and sewerage system has been designed with a view to modern man's inclination towards health, hygiene and his aversion to filth and pollutants. It is hence important that the system should be of good quality and should be able to function year after year without any leakage or defects. It becomes unpleasant and expensive to address the problems that arise in conventional underground products. Such problems may happen due to poor product quality or due to faulty construction and outdated technology.

Supreme Nu-Drain UDSS is intended to carry soil and waste from building drainage system to roadside sewers or drains and from there to the treatment plant or disposal point. This system is much advantageous and offers multiple advantages over traditional products for all sorts of drainage and sewerage application & installations. Nu-Drain is highly recommended for buildings and townships where hygiene is a prerequisite. It is considered to be most ideal for buildings such as hospitals, hotels, and the basement drainage. This can also be used for storm water drainage for rainwater collection and disposal, including rainwater harvesting. In short, Nu-Drain provides complete solution for underground drainage and sewerage application. Being absolutely watertight it is considered to be most hygienic and safe. Supreme Nu-drain is designed considering socio-economic and environmental sustainability principles and meets rigorous health and safety standards. In this fast age, Nu-drain emerges as the blessing to the housing and construction industry as tremendous saving in time, labor and maintenance is possible.

Thus, Supreme Nu-drain underground drainage and sewer system is the most appropriate and ideal solution. Nu-drain is not just a substitute, but it is more than an alternative to conventional drainage products.

Products	Std. specification	Sizes available
Inspection chambers	EN:13598	Ultra 250 to 600mm
Manholes	EN:13598	Ultra 800/1000/1200mm
uPVC solid wall pipes	IS:15328-2003	110 to 400mm
Eco-drain pipes	IS:16098	110 to 400mm
Foam core pipes	IS:16098	110 to 315mm
DWC pipe	IS:16098	75 to 800mm
PE pipe	IS:14333	63 to 800mm

## FEATURES AND BENEFITS

**Great flexibility** - Due to availability of readymade inspection chambers and manholes together with longer lengths of lighter weight pipes, fittings and required accessories, installation of this system becomes very convenient and fast.

**Perfect hydraulic properties** - Mirror smooth inside surface of the pipes and streamline design of the chambers and manholes greatly reduces the possibility of blockages and maximizes the

flow characteristics. As a result, carrying capacity of these pipes increases by 40% over concrete pipes.

**Great strength** - Products are sufficiently durable to meet site-loading requirements.

**100% watertight system** - Pipe, riser or the shaft pipe connections with the chamber or manhole base are absolutely watertight because of the unique design of the EPDM sealing ring that makes the system completely leak proof.

**Hygienic and safe** - Trouble free performance of the joints without leakages and blockages ensure high standards of hygiene.

**Minimum excavation cost** - Because of simple jointing technique, trench width can be kept to a minimum. Moreover, the smoother bore of the pipe allows high flow rates at relatively flatter gradients and hence excavation costs substantially reduces.

**Different flow profile designs** - Inspection chambers are available in different flow configurations of inlet(s) and outlet in different sizes to suit the site requirements.

**Minimal maintenance** - Optimum functional qualities and excellent hydraulic properties play an important part in reducing the need for jetting and other forms of maintenance and therefore operational costs are considerably reduced.

**Longer life and overall economy** - It is free from problems like corrosion and susceptibility to chemical reactions and strong enough to carry soil and traffic loads. Hence, Nu-Drain is sufficiently durable and offers long and trouble free service life.

### Components of Nu-Drain UDS system

**Inspection Chambers** - Following different sizes of Ultra Inspection Chambers and Manholes along with covers in different load classes are available in the range:

1. Ultra 250 with and without trap provision with 110 mm inlet(s) and outlet. (Size of the trap is 75 mm)
2. Ultra 315 mm with 110 mm inlet(s) and outlet is available in eight different flow profiles/ configurations.
3. Ultra 355 mm with 110 and 160 mm inlet (s)/ outlet in six different configurations.
4. Ultra 450 mm multiple inlet(s) with 110 and 160 mm inlets and Ultra 450 mm chamber with 160 and 200 mm inlet / outlet in five different flow configurations.
5. Ultra 600 mm with 200 and 250 mm inlet(s) and outlet in six different configurations.
6. Ultra 800 mm single piece multi inlet manhole in six different configurations.
7. Ultra 1000 mm manhole in single piece and three piece design in different configurations.
8. Ultra 1200 mm manhole in single piece and three piece design in different configurations.

## Ultra 250

This unique inspection chamber of 250x110mm in uPVC is featured with provision of 75mm trap and hence, one can directly combine soil and waste lines to reduce the cost. This is also available without trap and hence customer has choice to use this chamber as per site requirements.



This small version of inspection chamber is recommended for small bungalows or individual houses where maximum invert depth is up to 600mm. If situation allows, this chamber can be used with trap to pass soil and waste both through single line which is directly connected to public sewer. A piece of uPVC pipe is provided as a shaft to raise the height and light duty cover at the top is also made available.

## Ultra 315, Ultra 355 and Ultra 450

Ultra inspection chambers in these sizes comprise chamber base, riser(s)/shaft in specially developed Polypropylene/PE grade. Covers and frame are made in composite plastic and GRP. Entire assembly provides a completely sealed system up to ground level. It offers a wide variety of flow profiles, giving an option for all drainage applications between 110 to 200mm sizes. The choice of the different configurations provides a comprehensive, level invert system with excellent flow characteristics. The invert depth can be obtained by using multiple risers or suitable length of shaft.

Ultra 315 is a small size inspection chamber that is recommended for small bungalows or individual houses, where maximum invert depth is up to 625 mm and size of inlet(s)/outlet is 110 mm. Required invert depth can be obtained by using riser(s). Maximum two risers are recommended.

Ultra 355 inspection chamber is suitable for all drains having 110/160 mm inlet(s)/outlet with invert depths up to 690 mm by using riser or shaft pipe.

Ultra 450 inspection chamber is designed to provide the method of collecting 110/160/200 mm drains at invert depths up to 1200 mm by using risers. Maximum five risers are recommended. In addition to the risers, shaft pipe in different lengths are also made available which gives maximum invert depth of 1285 mm. Based on number of riser(s) or the length of shaft pipe used, invert depth obtained are given in the below table.

Ultra 450 inspection chamber is suitable for all drain applications with 160 or 200 mm main inlet(s)/outlet and 110 and/or 160mm branch inlets.

## Ultra 600

The Ultra 600 deep inspection chamber consists of a base and corrugated shaft. This Ultra 600 base provided with swivel adopter have a 250 mm size inlet(s)/outlet. It is made available

in 6 different flow configurations. The specially designed swivel adopter allows free angular deflection of 7.5° from the centerline in each direction. This flexibility allows the adjustment of pipe connection in the trench to match the slope and alignment. In addition to the Ultra 600x250mm size inspection chambers, we have also introduced Ultra 600x200mm chambers without swivel adopter in 5 different flow profiles. Both Ultra 600x250 and Ultra 600x200 inspection chambers are provided with separate base and shaft.

Besides these, we also offer Ultra 600 inspection chambers with an integral shaft. This is made available in straight through configuration with inlet and outlet in 200, 250 and 315mm sizes and 90° bend with 200 mm inlet/outlet. These compact inspection chambers are cost-effective and suitable for all drainage, sewerage and storm water drainage applications.

These robust chambers are suitable for installation depths from 0.8 to 5 m. The corrugated shaft provides excellent resistance to ground movement and heavy traffic loads. This strong and sturdy product is superior and helpful in many ways. Simple and reliable “in-situ” connections can be easily made in the shaft to make the additional connections.

The adjustable telescopic adapter is also made available to adjust the height and to provide a proper seating base for GRP or SFRC frame and cover. Ultra 600 can be used with and without a telescopic adopter.

Recently, we have introduced a cost effective 600 mm size multi-inlet inspection chamber in single piece design i.e. base with shaft in an integral form to meet the project requirements where invert depths are less than 2.0 m. It can be supplied with 600 or 672 mm size OD shafts. It is provided with or without integral outlet in 160 to 315 mm sizes in spigot form or with flat surfaces to adopt the connecting pipes up to 315 mm sizes by core cutting. Plain uPVC or PE pipes can be directly connected to the base using rubber seals whereas, for DWC pipes, DWC adapters are required. This multi-inlet inspection chamber with a 600 mm size shaft is made available in different invert depths in 6 different flow configurations as given in the chart. This inspection chamber meets all the functional requirements as per EN standard.



## In-situ Adapter

Besides Inlet(s) of selected flow profile of the chambers base, additional connections can also be made through shaft at different heights or angles using specially designed in-situ adapters. These adaptors are available in 75, 110, 160 and 200mm sizes which can be used for assessing any line even in post installation condition.



## In-situ Adapter

Besides Inlet(s) of selected flow profile of the chambers base, additional connections can also be made through shaft at different heights or angles using specially designed in-situ adapters. These adaptors are available in 75, 110, 160 and 200mm sizes which can be used for assessing any line even in post installation condition.



**Application:** 1) Properties built with the lowest floor containing plumbing fixtures (bathtub, shower, floor drain, etc.) below the upper manhole of the public sewer. 2) Properties in flood prone areas. 3) Properties with a history of backups during heavy rains.

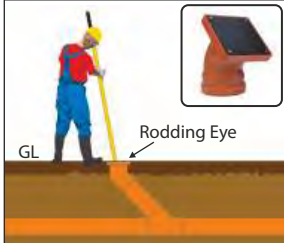
## Yard Gully



Yard gully is a part of storm water collection system, it is used to collect rain water/surface water from the open area and discharge it by separation of sand, silt and solid wastes in the runoff. Thus Yard gully is used to separate out solids in the surface water before discharging it to storm water main, which can then

be cleaned periodically. This design has unique features like partition separating collection pit and discharge section. It is provided with 160 and 110mm outlet which can be used as per site requirements. As this Yard Gully is provided with adequate water seal, it can also be used for waste water collection especially when it contains large quantity of solid particles.

## Rodding Eye



Access for inspection, cleaning and maintenance of underground drainage system is very important and normally achieved through inspection chambers and manhole. But most of the time we come across the situation where use of inspection chamber is either

difficult or impossible due to site constraints, proximity of other adjacent chambers. Under such circumstances we can eliminate the use of chamber by replacing it with rodding eye. Thus rodding eye is an access fitting which allow rodding in case of blockage. Given picture explains its application and installation.

## Cover Solution

Heavy weight frame and covers in composite material for Ultra 315 and Ultra 450 are designed to tilt and rotate to suit site conditions. These covers are designed for 3.5 MT wheel load and are suitable for light traffic movements. These covers are provided with 4 screw holes suitable for self-tapping. In addition to these, sealed covers for internal use, light duty (LW) covers for pedestrian areas are also available. For heavy traffic conditions, GRP/SFRC frame and covers are also made available. Besides plain covers, covers with gratings are also made available.

Recently we have introduced covers for Ultra 355 in 3.5 MT, 600x450mm in 5 MT and 300x300mm gully top covers in composite plastics.

## Backflow Prevention Valve

A backflow prevention valve is a one-way valve that is installed on a building's lateral sewer. A properly installed and maintained back flow prevention valve will prevent the sewer from backing up and flooding a building.



Most of the properties are connected to public sewers. Many of these properties are situated and connected to the sewers in such a way that an obstruction in the public sewer or a severe rain event will not cause sewage backup into the properties.

**Function of back flow prevention valve:** A back flow prevention valve has an internal mechanical disc (flap) that will close a sewer pipe opening when reverse surcharges from a public/private sewer system attempt to enter a building drainage system, preventing the flooding of a building with raw sewage.

## Surface Drain Channel



Supreme offers Surface Drain Channels in 4" (110mm) size and is made from highly durable and chemical resistant polypropylene material. They are free from blockage, leakage and breakage problems caused by traditional surface drain channel. Supreme Surface Drain Channels are available in 1m length and can be cut as per site requirement up to 0.5m. These channels are tough, durable and sustains loads up to 1.5 MT wheel load and suitable for parking areas.

**Application:** This Surface Drain Channels are installed in pavements, roadside curbs, cycle ways and car park area, shopping malls, sports grounds, building terrace, corporate houses, hotels, hospitals, academic institutes etc.

**Pipe connections:** Each surface drain channel is provided with bottom and side connections for connecting drain pipes.

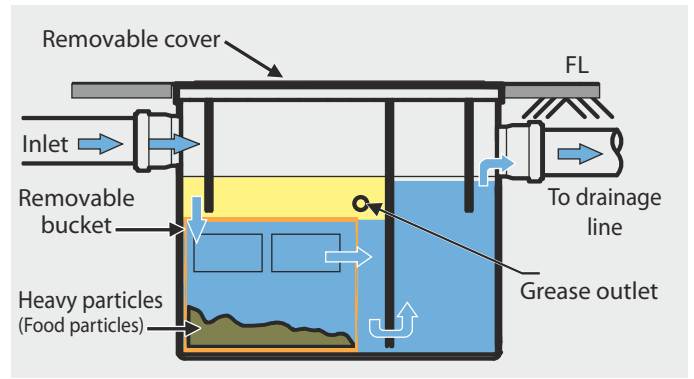
## Grease Traps

A grease trap is the most functional product designed to separate out, retain and remove grease and similar substances from waste water which are deleterious, hazardous and undesirable. These traps prevent greasy substances from entering plumbing systems, septic fields and waste water treatment facilities, where they are difficult to

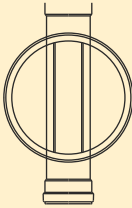


process and can create environmental problems. If large amounts of grease, soaps and oils enter a sewer system, the materials will coagulate, solidify and adhere to the inside wall of the pipe, eventually blocking the pipe. To address this problem we introduced 50, 100, 250, 500 & 1000 ltrs capacity grease traps.

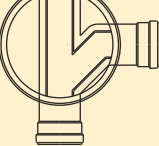
**Application:** Restaurants, hotels, cafeterias, dairies, slaughterhouses and commercial food-processing plants, hospitals and institutional or commercial buildings where food is served in great quantity may produce grease in sufficient amounts to warrant the installation of such grease traps.



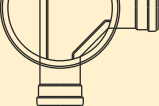
### Inspection Chambers and Accessories

Item Code	Chamber Base	D1	D2	D3	EX.FAC	
NP3UCUBS315G	315	110	110			
NP3UCBST355G	355	160	160			
NP3UCBST450K	450	200	200			
RLUCHM0607BK	600	200	200			
RLUCHM0624BK	600	250	250			

**Straight Through**

NP3UCBRH315G	315	110	110			
NP3UCBRH355G	355	160	160			
NP3UCBRH450K	450	200	160			
RLUCHM0608BK	600	200	200			
RLUCHM0626BK	600	250	250			


**Right Hand 90° Junction**

NP3UCBHR315G	315	110	110	110		
					1372.00	

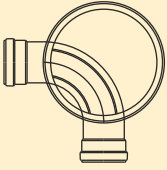
**Right Hand 45° and 90° Junction**

RLUCHM0457BK	450	200	160			
					4766.00	

**RH & LH 45° Junction**

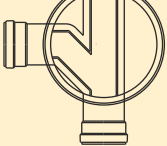
RLUCHM0456BK	450	200	160			
					4650.00	

**Left Hand 45° Junction**

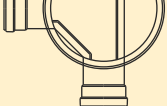
Item Code	Chamber Base	D1	D2	D3	EX.FAC	
NP3UCUBL315G	315	110	110			
RLUCHM0355GB	355	160	160			
RLUCHM0451BK	450	200	200			
RLUCHM0623BK	600	200	200			
RLUCHM0625BK	600	250	250			

**Left or Right Hand 90° Bend**

250mm chamber is also available with trap

NP3UCBLH315G	315	110	110			
NP3UCBLH355G	355	160	160			
NP3UCBLH450K	450	200	160			
RLUCHM0609BK	600	200	200			
RLUCHM0627BK	600	250	250			

**Left Hand 90° Junction**

NP3UCBHL315G	315	110	110	110		
					1372.00	

**Left Hand 45° and 90° Junction**

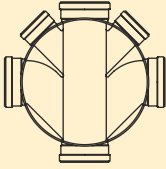

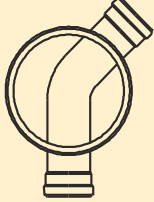

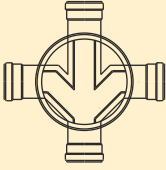

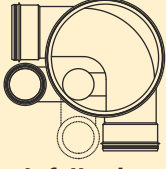

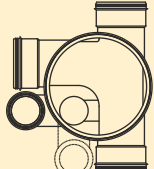

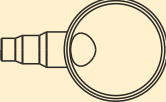


RLUCHM0455BK	450	200	160			
					4650.00	

**Right Hand 45° Junction**

NP3UCBTI315G	315	110		110		
					1319.00	
















**Two 90° Inlet Junction**

All the inlets and outlets of the chambers are provided with click ring type joints. D1 = Main inlet/outlet, D2/D3 = Branch inlet(s), F - Fabricated.






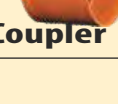













Item Code	Chamber Base	D1	D2	D3	EX.FAC		Item Code	Chamber Base	D1	D2	D3	EX.FAC	
NP3UCBMI315G	315	110	110	110	1594.00	 <p><b>Multiple inlets</b></p>	RLUCHM0612BK (with 700mm Shaft)	600	200	200		18998.00	 <p><b>Ultra 600 with Integral Shaft Straight Through</b></p>
NP3UCBMI355G	355	160	110	110	2051.00		RLUCHM0611BK (with 1300mm Shaft)	600	200	200		29261.00	
NP3UCBMI450B	450	160	160	110	2849.00		RLUCHM0617BK (with 600mm Shaft)	600	250	250		18196.00	
NP3UCBMI451B (with Blanking Plug)	450	160	160	110	3071.00		RLUCHM0616BK (with 1200mm Shaft)	600	250	250		28459.00	
<p>(Ultra 315 with 110mm two swept inlets at 45° and two 110mm inlets at 90°. Ultra 355 with 110mm two swept inlets at 45° and two 110mm inlets at 90°. Ultra 450 with 110mm two swept inlets at 45° and two 160mm inlets at 90°.)</p>							RLUCHM0614BK (with 600mm Shaft)	600	315	315		18381.00	
							RLUCHM0629BK (with 1200mm Shaft)	600	315	315		28645.00	
RLUCHM0628BK	600	250		250	25735.00	 <p><b>Right / Left Hand 45° Bend</b></p>	RLUCHM0619BK (with 700mm Shaft)	600	200	200		18898.00	 <p><b>Ultra 600 with Integral Shaft &amp; Bend</b></p>
							RLUCHM0618BK (with 1300mm Shaft)	600	200	200		29694.00	
NP3UCBTI355G	355	160	160		1893.00	 <p><b>Left &amp; Right Hand 90° Junction (Cross)</b></p>	RLUCHM0656BK (700mm invert)	600	110/160/200/250		12217.00	 <p><b>Ultra 600x250x250 Multi-inlet with 600mm OD shaft</b></p>	
NP3UCBTX450K	450	200	160		2894.00		RLUCHM0657BK (900mm invert)	600	110/160/200/250		14835.00		
RLUCHM0610BK	600	200	200		14903.00		RLUCHM0658BK (1200mm invert)	600	110/160/200/250		18325.00		
RLUCHM0622BK	600	250	250		28293.00								
NP1UCUBL251G	250 w/o trap	110	110		1055.00	 <p><b>Left Hand or Right Hand 90° Bend (with or w/o Trap)</b></p>	RLUCHM0659BK (650mm invert)	600	110/160/200/250		13090.00	 <p><b>Ultra 600x250x250 Multi-inlet with 672mm OD shaft</b></p>	
FPU0UGR252GB	250 with trap	110	110		1338.00		RLUCHM0660BK (950mm invert)	600	110/160/200/250		16580.00		
							RLUCHM0665BK (1550mm invert)	600	110/160/200/250		24434.00		
NP1UCUBL250G	250 w/o trap	110	110		1118.00	 <p><b>Left Hand or Right Hand 90° Junction (with or w/o Trap)</b></p>	RLUCHM0648BK (900mm invert)	600	110/160/200/250		15212.00	 <p><b>Ultra 600x315x250 Multi-inlet Inspection Chamber with 600mm OD shaft</b></p>	
FPU0UGR253GB	250 with trap	110	110		1477.00		RLUCHM0649BK (1100mm invert)	600	110/160/200/250		16733.00		
							RLUCHM0650BK (1400mm invert)	600	110/160/200/250		20536.00		
							RLUCHM0651BK (1600mm invert)	600	110/160/200/250		22058.00		
RLUBB00600BK	600	160/200/250			10695.00	 <p><b>Ultra 600 Blind Base</b></p>	RLUCHM0652BK (1900mm invert)	600	110/160/200/250		25861.00		
RLUBB00601BK (with 1200mm Shaft)	600	110/160/200/250			29080.00	 <p><b>Ultra 600 Blind Base with Shaft</b></p>	RLUCHM0653BK (1200mm invert)	600	110/160/200/250		15212.00	 <p><b>Ultra 600 Multi-inlet Inspection Chamber with 672mm OD shaft</b></p>	
RLUBB00601BK (with 600mm Shaft)	600	110/160/200/250			20528.00		RLUCHM0654BK (1800mm invert)	600	110/160/200/250		20536.00		
















## Nu-Drain Fittings and Accessories

Item Code	Size mm	Box qty.	EX.FAC		Item Code	Size mm	Socket Type	Box qty.	EX.FAC		
MP3UCHRW315G	315 - 200mm long	4	<b>739.00</b>	 <b>Riser</b>	RLUTSA0600BK	600	Spg	12	121.00	 <b>Telescopic Adapter</b>	
MP3UCHRW355G	355 - 335mm long	1	<b>1758.00</b>		FPU0PGR250LG	250	Spg		-	 <b>Frame &amp; Grating Cover</b>	
MP3UCHRI450K (with rubber seal)	450 - 215mm long	3	<b>1469.00</b>		FPU0PGR660LG	315	Spg		<b>1846.00</b>		
				FPU0PCH357LG	355	Spg		<b>1826.00</b>			
				FPU0PGR661LG	450	Spg		<b>3032.30</b>			
FPU0UGR250GB	Ultra 250 - 320mm (1½ ft invert depth)		<b>372.00</b>	 <b>Riser</b>	NP5UCOFR250K	250 L.W.		10	<b>623.00</b>	 <b>Frame and Cover</b>	
FPU0UGR251GB	Ultra 250 - 470mm (2 ft invert depth)		<b>561.00</b>		RLUUCLO450BK	450 L.W.		L	<b>2090.00</b>		
RLUSHP0356GB	Ultra 355 - 200mm		<b>2699.00</b>	 <b>Shaft Pipe</b>	4100540	300x300 - 2.5 Ton			<b>1465.00</b>	 <b>Gully Top Cover</b>	
RLUSHP0355GB	Ultra 355 - 460mm		<b>4079.00</b>		4100630	300x300 - 1.5 Ton			<b>1500.00</b>		
RLUSHP0450BK	Ultra 450 - 460mm		<b>5235.00</b>							 <b>Gully Top Cover with Grating</b>	
RLUSHP0451BK	Ultra 450 - 710mm		<b>7748.00</b>								
RLUSHP0452BK	Ultra 450 - 1020mm		<b>8930.00</b>								
MHDDWCADAP0450BK	450x400 RxS		<b>950.00</b>	 <b>Shaft Adapter</b> (for DWC Pipe)							
RLUSHP0600GB	600 mm long		<b>8448.00</b>	 <b>Shaft Pipe Ultra 600</b> (with rubber seal)	NP6UCFRL315K	315 - 1.5 Ton		9	<b>880.00</b>	 <b>Composite Frame and Cover</b>	
RLUSHP0601GB	900 mm long		<b>12301.00</b>		NPUMFRCO355K	355 - 3.5 Ton (Round type)			5		<b>1789.00</b>
RLUSHP0602GB	1200 mm long		<b>15290.00</b>		NPUNFRCO600K	600x450 - 5 Ton (Rectangle type)				-	
RLUSHP0603GB	1500 mm long		<b>17856.00</b>		NP6UCOFR315K	315 - 3.5 Ton			2	<b>1878.00</b>	 <b>Composite Frame and Cover</b>
RLUSHP0604GB	1800 mm long		<b>21278.00</b>		NP6UCOFR450K	450 - 3.5 Ton (Square type)			2	<b>3633.00</b>	
RLUSHP0605GB	2100 mm long		<b>24699.00</b>		4100314	450 - 2.5 Ton				<b>4250.00</b>	
RLUSHP0606GB	2400 mm long		<b>28120.00</b>		4100312	450 - 10 Ton				<b>6388.00</b>	 <b>GRP Frame &amp; Cover</b>
RLUSHP0614GB	780mm long		<b>11559.00</b>	4100313	600 - 10 Ton				<b>13363.00</b>		
RLUSHP0615GB	1080mm long		<b>14866.00</b>	4100315	600 - 20 Ton				<b>15350.00</b>		
RLUSHP0616GB	1380mm long		<b>18288.00</b>	4100316	600 - 40 Ton				<b>17706.00</b>		
RLUSHP0617GB	1680mm long		<b>20854.00</b>	4126154	600 - 5 Ton				<b>8522.00</b>		
RLUSHP0618GB	1980mm long		<b>24275.00</b>	4126155	600 - 12.5 Ton				<b>9865.00</b>		
RLUSHP0619GB	2280mm long		<b>27738.00</b>	4100318	450 - 2.5 Ton				<b>7900.00</b>		
RLUSHP0620GB	2580mm long		<b>30286.00</b>	4100317	450 - 10 Ton				<b>10788.00</b>		
				4100319	600 - 20 Ton				<b>17053.00</b>	 <b>GRP Frame &amp; Cover (with Grating)</b>	
RLUSHC0600BK	600mm		<b>14868.00</b>	 <b>Shaft Connector</b>							




All the inlets and outlets of the chambers are provided with click ring type joints. D1 = Main inlet/outlet, D2/D3 = Branch inlet(s), F - Fabricated.

Item Code	Size mm	Socket Type	Box qty.	EX.FAC		Item Code	Size mm	Socket Type	Box qty.	EX.FAC	
4100415	450 - 20 Ton			6188.00	 <b>SRFC Frame &amp; Cover</b> (Second Sale)	MP1URPCP160G	160	RxR	18	267.20	 <b>Coupler</b>
4100416	600 - 20 Ton			7250.00		(Fix 'O' Ring)					
4100414	450 - 20 Ton			6188.00		RLUCPL0316BK	315	RxR	L	5883.00	 <b>Coupler</b>
4100413	600 - 20 Ton			7250.00		RLUCPL0355BK	355	RxR	L	-	
(Covers with grating)						RLUCPL0400BK	400	RxR	L	6110.00	 <b>Coupler</b>
RLUMST0110GB	110x110 (Long)	RxR		2011.00	RLUCPL0450BK	450	RxR	L	8096.00		
RLUMST0160GB	160x110 (Long)	RxR		3563.00	NP1UCRCP110G	110	CRxCR	36	186.40	 <b>Coupler</b>	
RLUMST0160BK	160x110 (Short)	RxR		2409.00	NP1UCRCP200G	200	CRxCR	4	741.80		
					<b>Master Trap</b>	NP1UCRCP250G	250	CRxCR	2	1202.30	 <b>Coupler</b>
NP1URPBV110G	110	RxSpg	1	1193.00	MP1UPTCP111G	110	SxS	24	88.00		
NP1URPBV160G	160	RxSpg	1	2330.00	MP1UPTCP160G	160	SxS	24	175.80	 <b>Coupler</b>	
NP1URPBV200G	200	RxSpg	1	2950.00	MP1UPTCP200G	200	SxS	6	246.10		
					<b>Backflow Prevention Valve</b>	MP1URPRC110G	110	RxR	36	210.90	 <b>Repair Coupler</b>
					<b>Square Gully Trap (IP)</b>	MP1URPRC160G	160	RxR	18	436.50	
NP1SPTSG110G	110	Spg	6	563.70	MP1URPBE160G	160	RxSpg	7	403.10	 <b>Bend 87.5°</b>	
					<b>Bottle Gully Trap</b>	(Fix 'O' Ring)					
NP1EPBGT101G	160x110 (6x4")	Spg	6	929.30	NP1UCRBE110G	110	CRxSpg	24	227.30	 <b>Bend 87.5°</b>	
NP1UPTBG201G	200x160 (8x6")	Spg	2	1054.70	MP1UPTBE110G	110	SxSpg	10	193.40		
NP1EPBGT102G	160x100x100 (6x4x4")	SxSpg	6	952.80	MP1UPTBE160G	160	SxSpg	8	298.90	 <b>Bend 87.5°</b>	
NP1UPTBG200G	200x160x160 (8x6x6")	SpgxSpg	2	1054.70	MP1UPTBE200G	200	SxSpg	4	615.30		
NP1URPBG160G	160x110/75x110 (6x4/2½x4")	SxSxR	3	984.40	NP1SCRSB111G	110	CRxCR	10	-	 <b>Swept Bend Long Radius</b>	
					<b>Gully Extension</b>	NP1UCRSB110G	110	CRxSpg	10		296.60
MP1ESBGE101G	189x280	S	3	696.10	MP1URPBF160G	160	RxSpg	10	339.80	 <b>Bend 45°</b>	
Note: Suitable for 6x4" and 6x4x4" Bottle gully trap.					<b>Extension Piece</b>	(Fix 'O' Ring)					
FPU0EXP200GB	200x180			-	NP1UCRBF111G	110	CRxCR	24	144.20	 <b>Bend 45°</b>	
FPU0EXP201GB	200x330			-	NP1UCRBF110G	110	CRxSpg	24	168.80		
Note: Extension Piece for 8"x6" Bottle Gully Trap					<b>Insitu Adapter</b>	RLUSBN0250BK	250	RxSpg	L	2930.00	 <b>Bend 45°</b>
FPU0ISA075GB	75	Spg		228.60	RLUSBN0315BK	315	RxSpg	L	3868.00		
FPU0ISA111GB	110	Spg		472.40	MP1UPTBF110G	110	SxSpg	12	152.30	 <b>Swept Tee</b>	
FPU0ISA161GB	160	Spg		755.90	MP1UPTBF160G	160	SxSpg	10	304.70		
FPU0ISA200GB	200	Spg		1318.40	MP1UPTBF200G	200	SxSpg	6	498.10	 <b>Swept Tee</b>	
Note: Can be used for accessing any line at any height or angle other than the inlets of available or selected configuration of the chamber.					<b>Lateral Pipe Connector</b>	NP1UCRTS111G	110	CRxCRxCR	12		305.90
FPU0LPC160LG	160x110	SpgxS		1100.00	NP1UCRTS110G	110	CRxCRxSpg	12	328.10	 <b>Swept Tee</b>	
FPU0LPC200LG	200x110	SpgxS		1179.00	NP1EPSTE010G	160	CRxCRxSpg	4	838.00		
					<b>Insitu Adapter</b>	MP1UPTST110G	110	SxSxSpg	12	293.00	 <b>Swept Tee</b>
					<b>Lateral Pipe Connector</b>	MP1UPTST160G	160	SxSxSpg	5	615.30	
					<b>Lateral Pipe Connector</b>	MP1UPTST200G	200	SxSxSpg	2	1007.90	

All the inlets and outlets of the chambers are provided with click ring type joints. D1 = Main inlet/outlet, D2/D3 = Branch inlet(s), F - Fabricated.

Item Code	Size mm	Socket Type	Box qty.	EX.FAC		Item Code	Size mm	Socket Type	Box qty.	EX.FAC	
MP1UPTRT160G	160x110	SxSxSpg	8	446.40	 <p><b>Reducing Swept Tee</b></p>	MP1URPRD160G (Fix'O' Ring)	160x110	SpgxR	24	200.50	 <p><b>Eccentric Reducer</b></p>
						NP1UCRER200G	200x160	SpgxCR	4	454.70	
						RLUECR0251GB	250x160	SpgxR	L	1504.00	 <p><b>Rodding Eye</b></p>
						RLUECR0250GB	250x200	SpgxR	L	1463.00	
						RLUECR0317GB	315x160	SpgxR	L	1806.00	
						RLUECR0316GB	315x200	SpgxR	L	2334.00	
						RLUECR0315GB	315x250	SpgxR	L	2428.00	
MP1URPST160G (Fix'O' Ring)	160	RxRxSpg	5	542.60	 <p><b>Equal Tee</b></p>	MP1UPTER200G	200x160	SpgxS	6	398.50	 <p><b>Blanking Plug</b></p>
NP1UCRST110G	110	CRxCRxSpg	16	263.70		NP2URDEY110D	110	CR	6	427.80	
MP1URPRT160G (Fix'O' Ring)	160x110	RxRxSpg	6	530.90	 <p><b>Reducing Tee</b></p>	MP3UCBPC075D	75	Spg	75	29.00	 <p><b>Socket Plug (PE)</b></p>
						MP3UCBPC110D	110	Spg	40	56.00	
					MP3UCBPC160D	160	Spg	42	117.00		
MP1URPCT160G (Fix'O' Ring)	160	RxRxRxSpg	3	761.70	 <p><b>Cross Tee</b></p>	RLUSCP0200BK	200	Spg	L	673.00	 <p><b>Stoneware Pipe Adapter for Plain End (Rubber Ring Type)</b></p>
						RLUSCP0250BK	250	Spg	L	1031.00	
					RLUSCP0315BK	315	Spg	L	1506.00		
MP1URPYP160G (Fix'O' Ring)	160	RxRxSpg	4	1212.80	 <p><b>Single Y</b></p>	FPU0SPA110GB	110x4"	SpgxR	L	349.20	 <p><b>RCC Pipe Adapter</b></p>
NP1UCRY5110G	110	CRxCRxSpg	12	327.00		FPU0SPA160GB	160x6"	SpgxR	L	625.80	
MP1UPTY110G	110	SxSxSpg	12	310.60	 <p><b>Reducing Y</b></p>	FPU0RCA202LG	200x8"	SpgxR	L	2075.50	 <p><b>Hole Saw (For Insitu Adapter) (Second Sale)</b></p>
MP1UPTY160G	160	SxSxSpg	4	783.30		FPU0RCA250LG	250x10"	SpgxR	L	-	
					FPU0RCA315LG	315x12"	SpgxR	L	6226.20		
MP1URPRY160G (Fix'O' Ring)	160x110	RxRxSpg	5	691.40	 <p><b>Yard Gully Trap</b></p>	4100327	75			5625.00	
						4100328	110				6758.00
					4100329	160				8008.00	
					4100330	200				10079.00	
MP1UPTRY161G	160x110	SxSxSpg	6	550.80		RLUYGT0110BK	110	Spg	1	5468.80	
						RLUYGT0160BK	160	Spg	1	5567.30	

All the inlets and outlets of the chambers are provided with click ring type joints.

Item Code	Size mm	Socket Type	Box qty.	EX.FAC	Item Code	Size mm	Socket Type	Box qty.	EX.FAC
NP3UPTSD110B	110 (4x4")		1	3113.00	MP1UPHCO110B	110	Spg	25	44.00
 <p><b>Surface Drain Channel</b></p> <p>Note: This product is available in 1m length with grating</p>					 <p><b>Surface Drain Outlet</b></p>				
					 <p><b>Surface Drain End Cap</b></p>				
					MP1UPHEC110B	110	Spg	25	44.00

Item Code	Size (ltrs)	Total height	Inlet invert	Outlet invert	Total length	Inlet/Outlet size	Socket type	Length x Width	Suitable for		EX.FAC
									Above ground	Below ground	
RLUGTP0050GB	50	440	307.5	273.5	646	75	RxR	530 x 380	Yes	Yes	12208.00
RLUGTP0100GB	100	491	317.5	267.5	870	75	RxR	742 x 584	Yes	Yes	22031.00
RLUGTP0250GB	250	690	480	430	1060	110	RxR	884 x 706	Yes	Yes	30938.00
RLUGTP0500GB	500	765	550	500	1341	110	RxR	1150 x 939	No	Yes	56641.00
RLUGTP1000GB	1000	1145	850	800	1773	110	RxR	1620 x 1260	No	Yes	130469.00
RLUGTP1001GB (with Cover)	1000	1145	850	800	1773	160	RxR	1620 x 1260	No	Yes	130469.00

(all dimensions are in mm)



**Grease Trap**

# Ultra<sup>®</sup> Manholes

## THE SYSTEM

Manholes are the important components of the drainage or sewerage system. While inspection chambers are used for inspecting sewer networks from the surface level while manholes provide access to a person inside the manhole for cleaning and maintenance activities. These are used at the junction in sewer network or a straight or bend configuration depending on the flow patterns.

Unlike conventional drainage systems, the entry of man inside the manhole is almost eliminated in advanced plastic sewer systems. Because of the mirror smooth inner surface of these systems, the possibility of blockage is greatly reduced and hence the modern technology CCTV inspection cameras for inspection and jet cleaners for cleaning and maintenance can be used.

Most of the sewer maintenance requirements are fulfilled through Ultra 600 inspection chambers; however, where the entry of man is essentially required, Supreme Ultra manholes can be used. These readymade, ready to use manholes offered by the company consists of a base, a shaft and a cone with suitable cover. These strong and sturdy manholes are designed, manufactured and tested as per EN:13598 standards and are approved by MCGM.

### Fields of Application:

Ultra 800, Ultra 1000 and Ultra 1200 manholes are designed to provide an easy access for inspection, cleaning and maintenance of private and public sewers up to 6 m invert depth. Supreme Ultra manholes having robust design, durability and flexibility are the best substitute to conventional concrete and masonry manhole.

### Product Range:

Supreme offers an exhaustive range of manholes to meet the complete requirement of the sewerage system. Recently introduced 800 mm size manhole is offered in single piece design, while the 1000 mm and 1200 mm size manholes are offered in single piece as well as in three piece designs. Depending on the size or type of Ultra manhole they are suitable to adopt the pipes from 110 mm to 600 mm sizes. Plain PVC or PE pipes can be directly connected to the manholes using rubber seal joints whereas; DWC pipes can be connected using DWC adopters.

The three piece designs of the manholes have a manhole base, shaft pipe and cone. The complete set of manhole with an inbuilt ladder and the advanced design of corrugated shaft and cone with spacious entrance suffice all the functional requirements.

Moreover, because of the compact and robust design, wide range, additional connection possibilities, appropriate cover solution, and user friendly installation, the contractors and installers can be sure of a tight and durable system for every situation.



## FEATURES AND BENEFITS

**Readymade solution** - Ready to use manholes with 600 / 640 mm size spacious entrance.

**90% lighter than concrete manholes** - that makes the handling and installation of manholes very easy and fast.

**Robust design** - Manholes are sufficiently strong to withstand heavy traffic loads up to 40 MT wheel load.

**100% Watertight structure** - free from infiltration, ex-filtration and root penetrations..

**Perfect hydraulic properties**

**Suitable for installation depths up to 6 m.**

**Safe against floatation**

**Provided with in-built ladder to facilitate easy maintenance and cleaning.**

**Adjustable height to suit site requirement during installation.**

**Simple and reliable pipe connections** at different levels are possible using 'in-situ' adapters.

**Strong and durable** - can last for more than 50 years.

**Eco- friendly and cost effective.**

## Ultra<sup>®</sup> Single Piece Manholes

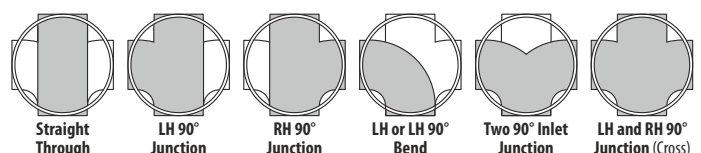
In most of the projects, the invert depth of the manhole is normally does not exceed 3 m. For such applications, the use of a three piece manhole may not be cost effective. Considering this fact we have introduced a lightweight yet strong manhole in single piece design in 800 mm, 1000 mm and 1200 mm sizes. In spite of being light in weight, these uniquely designed cost effective products are strong enough to withstand all sorts of loads alike existing three piece design manholes. This new design is very cost-effective due to weight reduction and the elimination of rubber seals between the base, shaft, and cone. Moreover, the single piece design together with lightweight structure makes the installation convenient and fast.

### Ultra<sup>®</sup> 800 EX.FACT

Item Code & Size in mm	RATE
<b>Ultra 800 x 160 to 400 mm</b>	
RLUMHSP801BK 1150mm Inv.	29194.00
RLUMHSP802BK 1450mm Inv.	40410.00
RLUMHSP803BK 1650 mm Inv.	47440.00
RLUMHSP804BK 1750mm Inv.	50178.00
RLUMHSP805BK 1950 mm Inv.	57328.00
RLUMHSP806BK 2150mm Inv.	64520.00
RLUMHSP807BK 2250mm Inv.	67256.00
RLUMHSP810BK 2450mm Inv.	74391.00
RLUMHSP809BK 2750mm Inv.	84300.00

Note: Plain PVC or PE pipes can be directly connected to the base using rubber seal joints whereas DWC pipes up to 315 mm can be connected using DWC adopters and rubber seal joints. For 400 mm size inlet(s)/outlet the base will be supplied with integrally welded DWC adopters.

### Possible flow configurations -



## Ultra® 1000 (Corrugated Shaft)

Item Code & Size mm EX.FAC

### Ultra 1000 x 250 x 250

RLUMHST107BK 1330mm Inv.	48588.00
RLUMHST108BK 1530mm Inv.	59803.00
RLUMHST109BK 1630mm Inv.	64365.00
RLUMHST110BK 1830mm Inv.	74133.00
RLUMHST111BK 2030mm Inv.	84019.00
RLUMHST112BK 2130mm Inv.	88580.00
RLUMHST113BK 2330mm Inv.	98510.00

### Ultra 1000 x 315 x 315

RLUMHST100BK 1200mm Inv.	52423.00
RLUMHST101BK 1400mm Inv.	63639.00
RLUMHST102BK 1500mm Inv.	68200.00
RLUMHST103BK 1700mm Inv.	77968.00
RLUMHST104BK 1900mm Inv.	87854.00
RLUMHST105BK 2000mm Inv.	92416.00
RLUMHST106BK 2200mm Inv.	102345.00



Ultra Manhole Single Piece Straight Through

### Ultra 1000 x 315 x 250

RLUMHLR100BK 1320mm Inv.	52658.00
RLUMHLR101BK 1520mm Inv.	63873.00
RLUMHLR102BK 1620mm Inv.	68435.00
RLUMHLR103BK 1820mm Inv.	78203.00
RLUMHLR104BK 2020mm Inv.	88089.00
RLUMHLR109BK 2120mm Inv.	86868.00
RLUMHLR110BK 2320mm Inv.	96282.00



Ultra Manhole Single Piece LH & RH 45° Junction

## Ultra® 1000 (Corrugated Shaft)

Ultra 1000 x 160 to 400

RLUMHMI100BK 1555mm Inv.	65503.00
RLUMHMI101BK 1755mm Inv.	75266.00
RLUMHMI102BK 1855mm Inv.	79828.00
RLUMHMI103BK 2055mm Inv.	89714.00
RLUMHMI104BK 2255mm Inv.	99644.00
RLUMHMI105BK 2355mm Inv.	104205.00
RLUMHMI106BK 2555mm Inv.	114076.00



Note: Plain PVC or PE pipes can be directly connected to the base using rubber seal joints whereas DWC pipes up to 315 mm can be connected using DWC adapters and rubber seal joints. For 400 mm and above inlet(s)/outlet the base will be supplied with integrally welded DWC adapters.

## Ultra® 1000 (Non-Corrugated Shaft)

Item Code & Size mm EX.FAC

### Ultra 1000 x 250 x 250

RLUMHST114BK 2530mm Inv.	99423.00
RLUMHST115BK 2830mm Inv.	111119.00
RLUMHST116BK 3130mm Inv.	123764.00
RLUMHST117BK 3430mm Inv.	135953.00

### Ultra 1000 x 315 x 315

RLUMSS1004BK 2400mm Inv.	99153.00
RLUMSS1005BK 2700mm Inv.	113129.00
RLUMSS1006BK 3000mm Inv.	123950.00
RLUMSS1007BK 3300mm Inv.	137778.00

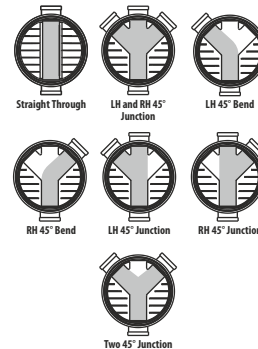


Ultra Manhole Single Piece Straight Through

### Ultra 1000 x 315 x 250

RLUMHTI105BK 2520mm Inv.	105224.00
RLUMHTI106BK 2820mm Inv.	117376.00
RLUMHTI107BK 3120mm Inv.	129565.00
RLUMHTI108BK 3420mm Inv.	141754.00

Possible flow configurations -



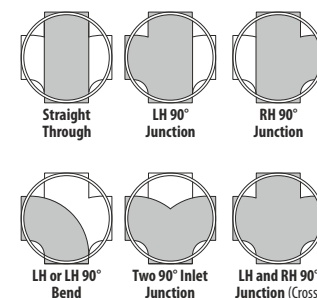
Ultra Manhole Single Piece LH & RH 45° Junction

## Ultra® 1000 (Non-Corrugated Shaft)

Ultra 1000 x 160 to 400

RLUMHMI107BK 2755mm Inv.	114989.00
RLUMHMI108BK 3055mm Inv.	127178.00
RLUMHMI109BK 3355mm Inv.	139368.00
RLUMHMI110BK 3655mm Inv.	151559.00

Possible flow configurations -



## Ultra® 1200 (Corrugated Shaft)

Item Code & Size mm **EX.FAC RATE**

### Ultra 1200 x 160 to 400

RLUMHMI126BK 1555mm Inv.	<b>61167.00</b>
RLUMHMI122BK 2450mm Inv.	<b>105680.00</b>
RLUMHMI123BK 2685mm Inv.	<b>115715.00</b>
RLUMHMI124BK 2800mm Inv.	<b>122360.00</b>
RLUMHMI125BK 3030mm Inv.	<b>123768.00</b>

Note: Plain PVC or PE pipes can be directly connected to the base using rubber seal joints whereas DWC pipes up to 315 mm can be connected using DWC adopters and rubber seal joints. For 400 mm and above inlet(s)/outlet the base will be supplied with integrally welded DWC adopters.



## Ultra® Three Piece Manholes

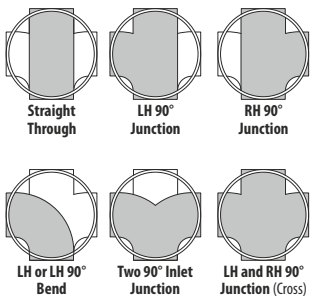
In a three piece design of the manhole, base, shaft and cone are the separate components that are connected with each other on site using specially designed rubber seals. The shafts are available in 1.0 m or smaller lengths which are required to be connected as per the invert depth requirements up to 6 m. In this design, Installation and backfilling needs to be carried out simultaneously.

## Ultra® 1200

### Ultra 1200 x 160 to 600

1160mm Inv.	-
1500mm Inv.	-
1985mm Inv.	-

Possible flow configurations -



## Ultra® Blind Base - Single Piece Manholes

In addition to the different standard flow profiles of the manhole base, we also offer a blind base i.e. the base with outlet only but without any inlets. These blind bases are made available in 600 mm and 1000 mm sizes and are designed to offer non-standard flow configuration requirements. These manholes are supplied with the required or specified inlets welded on the base in customized form i.e. inlets at required angle to adopt any type or size of pipes like PVC/ PE plain pipes or the DWC pipes. These manholes are offered with base, shaft pipe and cone in integral form as single piece design or alternatively manhole base, shaft pipe(s) and cone separately to connect with each other on site as three piece design.

## Ultra® 1000 (Corrugated Shaft)

Item Code & Size mm **EX.FAC RATE**

### Ultra 1000 x 110 to 355

RLUBMH1002BK 1290mm Inv.	<b>51090.00</b>
RLUBMH1003BK 1490mm Inv.	<b>62305.00</b>
RLUBMH1004BK 1590mm Inv.	<b>67511.00</b>
RLUBMH1005BK 1790mm Inv.	<b>76634.00</b>
RLUBMH1006BK 1990mm Inv.	<b>86521.00</b>
RLUBMH1001BK 2090mm Inv.	<b>91083.00</b>
RLUBMH1000BK 2290mm Inv.	<b>101013.00</b>

Note: It is supplied in customized form with required inlet(s) fitted on the base to adopt PVC/PE or DWC pipes at any angle up to 355 mm sizes as per the project requirements.



## Ultra® 1000 (Non-Corrugated Shaft)

### Ultra 1000 x 110 to 355

RLUBMH1011BK 2490mm Inv.	<b>107325.00</b>
RLUBMH1008BK 2790mm Inv.	<b>120700.00</b>
RLUBMH1009BK 3090mm Inv.	<b>133199.00</b>
RLUBMH1010BK 3390mm Inv.	<b>142500.00</b>

Note: It is supplied in customized form with required inlet(s) fitted on the base to adopt PVC/PE or DWC pipes at any angle up to 355 mm sizes as per the project requirements.



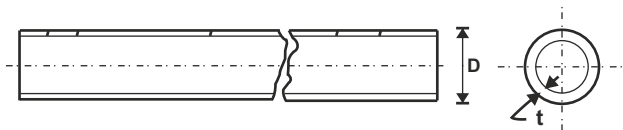




## Nu-Drain uPVC Pipes



Nu-Drain pipes are made as per IS:15328 and marked with ISI mark. These pipes are available in different stiffness classes as given in the table below. In addition to the pipes in 110mm to 315mm sizes with rubber ring type sockets, pipes up to 200mm sizes are available with solvent weld type socket ends. Plain ended pipes upto 250mm are supplied with a separate couplers having unique click ring and rubber-seal design. Only 400mm size pipes are supplied with plain end and solvent weld type couplers. The pipes are available in 3m and 6m lengths.



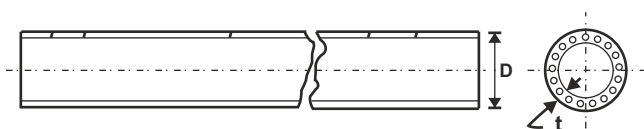
**Dimensions and stiffness class of Nu-Drain Pipes as per IS:15328 (Rubber Ring)**

Nominal ring stiffness (KN/m <sup>2</sup> )	SN 2	SN 4	SN 8
SDR	51	41	34
OD (D) in mm	<b>EX.FAC</b>	<b>EX.FAC</b>	<b>EX.FAC</b>
110	-	-	<b>2640.00</b>
125	-	-	-
160	-	<b>4808.00</b>	<b>5651.00</b>
200	-	<b>7365.00</b>	<b>8789.00</b>
250	-	<b>11511.00</b>	<b>13508.00</b>
315	-	<b>17985.00</b>	<b>21419.00</b>
400	-	-	-

## **ECO-drain<sup>®</sup>** Hi-tech pipes for drainage and sewerage application



Eco-drain<sup>®</sup> pipes are not solid wall pipes but have a unique wall structure i.e. pipes with a number of "holes" in the wall thickness in longitudinal direction. As a result, the Eco-drain<sup>®</sup> pipes are noticeably lighter and less expensive than any existing PVC pipe of similar stiffness and many times lighter than a concrete pipe with equivalent load carrying capacity. Because of the numerous advantages, these pipes are widely accepted and used in several European countries. Pipes upto 400mm sizes are available with plain ends as well as socketed ends with elastomeric rubber rings. These pipes have a equivalent stiffness and flexibility alike solid wall plastic pipes and also conforms to international standards. Depending on the size these pipes offers a weight reduction from 10% to 35% in comparison with the solid wall pipes of similar stiffness class.



## Dimensions and stiffness class of Eco-drain Pipes as per IS:16098 (Part 1)

Pipe size OD (D) in mm	Pipe With Coupler		
	SN 2	SN 4	SN 8
	With Coupler		
	<b>EX.FAC</b>	<b>EX.FAC</b>	<b>EX.FAC</b>
110	-	-	<b>2110.00</b>
160	-	<b>3567.00</b>	<b>4466.00</b>
200	-	<b>5127.00</b>	<b>6812.00</b>
250	-	<b>8760.00</b>	<b>10841.00</b>
315	-	<b>13193.00</b>	<b>17945.00</b>
400	-	<b>22031.00</b>	<b>24188.00</b>

## Eco-drain Pipes (In Built Socket)

OD (mm)	SN 2	SN 4	SN 8
	<b>3 Mtr</b>	<b>3 Mtr</b>	<b>3 Mtr</b>
	<b>EX.FAC</b>	<b>EX.FAC</b>	<b>EX.FAC</b>
110	-	-	<b>1051.00</b>
160	-	<b>1735.00</b>	<b>2180.00</b>
	<b>6 Mtr</b>	<b>6 Mtr</b>	<b>6 Mtr</b>
110	-	-	<b>2074.00</b>
160	-	<b>3429.00</b>	<b>4313.00</b>

Eco-drain 110 and 160mm size SN 4 pipes in 3 and 6m lengths are supplied with sealed holes at the ends.

## Foam core pipes



In addition to the solid wall pipes and Eco-drain<sup>®</sup> structure wall pipes, we have recently introduced foam core pipes in 110 to 315 mm sizes. These pipe are supplied with socketed ends. The dimensions are given below.

OD (mm)	SN 2	SN 4	SN 8
	<b>EX.FAC (3 Mtr)</b>	<b>EX.FAC (3 Mtr)</b>	<b>EX.FAC (3 Mtr)</b>
110	-	<b>983.00</b>	<b>1079.00</b>
160	<b>1601.00</b>	<b>1861.00</b>	<b>2322.00</b>
200	<b>2389.00</b>	<b>2964.00</b>	<b>3499.00</b>
250	<b>3619.00</b>	<b>4572.00</b>	<b>5277.00</b>
315	<b>5887.00</b>	<b>7008.00</b>	<b>8387.00</b>

OD (mm)	SN 2	SN 4	SN 8
	<b>EX.FAC (6 Mtr)</b>	<b>EX.FAC (6 Mtr)</b>	<b>EX.FAC (6 Mtr)</b>
110	-	<b>1943.00</b>	<b>2146.00</b>
160	<b>3170.00</b>	<b>3669.00</b>	<b>4641.00</b>
200	<b>4684.00</b>	<b>5842.00</b>	<b>7027.00</b>
250	<b>7091.00</b>	<b>9145.00</b>	<b>10554.00</b>
315	<b>11484.00</b>	<b>13903.00</b>	<b>16774.00</b>

# Supreme Ultra PLUS® Double Wall Corrugated Pipes

## THE SYSTEM

Supreme Ultra plus Double Wall Corrugated (DWC) pipes are stronger than solid wall pipes of the same wall thickness. These pipes have a unique wall structure with a corrugated structure externally and a smooth surface internally. This specific structure gives the pipes a unique combination of stiffness and flexibility to sustain soil and traffic loads, while the smooth inner surface allows uninterrupted flow without any blockage. These pipes are manufactured using state of the art technology that offers multiple benefits, especially they are much lighter than any conventional pipes and even lighter than the solid wall plastic (PVC, HDPE or PP) pipes. This remarkable material property gives these pipes an edge over many other pipes in terms of handling and installation.

Supreme Ultra plus DWC Pipe offers multiple features like a smooth inner surface for better flow characteristics, high flexibility, superior strength to weight ratio, and the highest ability to support and distribute live and dead loads thereby meeting every installation condition. Moreover, these pipes perform exceptionally well in high and low cover situations.

All pipes are supplied in plain ends with separate couplers while the pipes from 300 to 800 mm sizes are also offered with integral sockets.

## FEATURES AND BENEFITS

**Great flexibility** - Being light in weight and elastic nature, these pipes offer lot of flexibility while installation as they are adaptable to any type of contour patterns.

**Excellent stiffness** - Suitable to withstand heavy overload pressure (soil and traffic loads) and sustain various loads that will encounter during installation and in use.

**Perfect hydraulic properties** - Glass smooth inner surface having manning's coefficient 0.009 – 0.010 (which remain constant without any deterioration during life expectancy) helps in rapid disposal of flowing waste. Such a smooth surface greatly reduces the possibility of blockages and maximizes the flow characteristics and therefore carrying capacity increases by @40% over concrete pipes.

**Excellent chemical, corrosion and abrasion resistance properties** - Being in plastics, these pipes are free from corrosion and offer excellent resistance to wide range of chemicals. These pipes have excellent abrasion resistance which gives an edge over metal and concrete pipes.

**Watertight joints** - Joints are 100% watertight and hence free from any infiltration, ex-filtration and root penetration. Due to this feature, surroundings remain unaffected and possibility of soil or underground water pollution is eliminated.

**Easy and quick installation** - Due to longer lengths and lighter weight pipes, installation becomes very convenient and fast. These pipes are very easy to joint using slip-on techniques (Pipes are supplied either with integrally welded couplers or separate couplers). Unlike conventional concrete or metallic pipes, these pipes do not require any heavy handling equipment for installation due to their light weight property. These pipes can be easily laid in constrained areas thereby saving additional extraneous costs.

**Maintenance free** – Being free from scaling, encrustation and chemical re-activeness there is no need of any regular maintenance. Occasional flushing with water keeps the surface smooth and helps in enhancing the functionality.

**Long life** - Being free from corrosion, chemical reactiveness and excellent abrasion resistance these pipes can last over a century.

**Cost effective** - 60 to 70% weight saving in comparison to solid wall plastic pipes and 95% lighter than concrete pipes makes these pipe much cost effective.

**Eco-friendly** - Processing and reprocessing of these pipes does not have any adverse impact on the environment, watertight joints the possibility of soil and underground water pollution.

## Applications

Supreme Ultra plus DWC pipes can be used for varied application as mentioned below:-

- Underground drainage and sewer application
- Disposal of industrial effluents
- Storm water drainage
- Rainwater harvesting and ground water recharge
- Road/highway cross drainage

These applications are very few and the PE DWC pipes are finding new usages almost regularly and adding further benefits to this superior technological marvel at a very fast pace.

## Adapter for DWC pipes

The specially designed adapters manufactured by the Company are required for connecting double wall corrugated pipes with the inspection chambers or manholes and/or to connect R/R or pasted type socketed PVC pipes with the DWC pipes.

## PIPES



## Dimensions of DWC Pipes as per IS:16098 (Part 2)

Nominal size DN/ID series (mm)	SN 4 EX.FAC	SN 8 EX.FAC
75	-	1110.00
100	1400.00	1690.00
135	1880.00	2425.00
150	2050.00	2650.00
170	2880.00	3250.00
200	3360.00	4125.00
250	5820.00	6660.00
300	8650.00	11000.00
400	16850.00	18500.00
500	26000.00	28600.00
600	41000.00	47850.00
800	65033.00	80270.00

DWC pipes are available in SN 4 and SN 8 stiffness class

## FITTINGS

Item Code	Size mm	Socket Type	Box qty.	EX.FAC	
MHDMDWFC00075K	75	SxS		100.00	 <b>Coupler</b> (with Rubber Ring)
DWCFC000100K	100	SxS		205.00	
DWCFC000135K	135	SxS		260.00	
DWCFC000150K	150	SxS		335.00	
DWCFC000170K	170	SxS		498.00	
DWCFC000200K	200	SxS		590.00	
DWCFC000250K	250	SxS		893.00	
DWCFC000300K	300	SxS		1330.00	
DWCFC000400K	400	SxS		2870.00	
DWCFC000500K	500	SxS		5805.00	
DWCFC000600K	600	SxS		9850.00	
	*800	SxS		-	
RLDWCB90100BK	100	SxS	12	377.00	 <b>Bend 90°</b>
RLUDWCB150BK	150	SxS	3	845.00	
RLUDWCB204BK	200	SxS	2	1488.00	
RLUDWCB250BK	250	SxS	1	2466.00	
RLUDWCB300BK	300	SxS	1	3590.00	
RLUDWCB152BK	150	SxS	6	595.00	 <b>Bend 60°</b>
RLUDWCB200BK	200	SxS	2	1157.00	
RLUDWCB251BK	250	SxS	1	1858.00	
RLDWCB45100BK	100	SxS	12	266.00	 <b>Bend 45°</b>
RLUDWCB151BK	150	SxS	6	458.00	
RLUDWCB201BK	200	SxS	2	1157.00	
RLUDWCB254BK	250	SxS	1	1858.00	
RLUDWCB301BK	300	SxS	1	2817.00	
RLUDWCB153BK	150	SxS	6	458.00	 <b>Bend 30°</b>
RLUDWCB205K	200	SxS	3	1102.00	
RLUDWCB253BK	250	SxS	1	1667.00	
RLUDWCB154BK	150	SxS	6	513.00	 <b>Bend 22.5°</b>
RLUDWCB202BK	200	SxS	3	1046.00	
RLUDWCB252BK	250	SxS	1	1667.00	
RLUDWCB155BK	150	SxS	6	487.00	 <b>Bend 11.25°</b>
RLUDWCB203BK	200	SxS	3	992.00	
RLUDWCB255BK	250	SxS	1	1667.00	
RLUDWCT100BK	100	SxS	10	485.00	
RLUDWCT150BK	150	SxS	2	825.00	
RLUDWCT200BK	200	SxS	2	1625.00	
RLUDWCT250BK	250	SxS	1	2840.00	
RLUDWCT300BK	300	SxS	1	4253.00	 <b>Equal Tee</b>

Item Code	Size mm	Socket Type	Box qty.	EX.FAC	
RLURED150BK	150x100	SxS		985.00	 <b>Reducing Tee</b>
RLUDWCE150BK	150	SxS	2	1082.00	 <b>Cross Tee</b>
RLUDWCY150BK	150	SxS	2	962.00	 <b>Single Y</b>
MHDDWCADAP0160BK	160x150	SpgxS		200.00	 <b>Adapter</b>
MHDDWCADAP0200BK	200x150	SpgxS		240.00	
MHDDWCADAP0201BK	200x200	SpgxS		280.00	
RLUDWCA250BK	250x200	SpgxS	3	1482.00	 <b>Adapter</b>
RLUDWCA251BK	250x250	SpgxS	2	2310.00	
RLUDWCA315BK	315x250	SpgxS	1	3315.00	
RLUDWCA356BK	315x300	SpgxS	1	3425.00	
FPU0EDA010BK	110 x 100	SpgxS		172.00	 <b>Adapter (PE)</b>
FPU0EDA11BK	110 x 150	SpgxS		365.00	
FPU0EDA018BK	160 x 100	SpgxS		675.00	
FPU0EDA018BK	160 x 200	SpgxS		675.00	
FPU0EDA019BK	160 x 250	SpgxS		-	
FPPU0EDA20BK	200 x 100	SpgxS		728.00	
FPPU0EDA21BK	200 x 150	SpgxS		643.00	
FPU0EDA401BK	400 x 400	SpgxS		-	
FPP3DWC110LG	110 x 100	SxS		222.00	 <b>Adapter (PVC)</b>
FPP3DWC162LG	160 x 200	SxS		1322.00	
FPP3DWC250LG	250 x 300	SxS		5005.00	
FPP3DWC315LG	315 x 200	SxS		3697.00	
1605072	75			20.00	 <b>Rubber Seal</b> <b>(Second Sale)</b>
1603303	100			25.00	
1603304	135			40.00	
1603305	150			45.00	
1603306	170			68.00	
1600817	200			95.00	
1603307	250			118.00	
1603308	300			250.00	
1600819	400			510.00	
1600818	500			1255.00	
1603309	600			2000.00	
1604677	800			-	
1604304	200			5200.00	
1604305	250			5750.00	
1604306	300			6330.00	
1604307	400			10420.00	
1604308	500			12125.00	
1604309	600			15210.00	
	*800				
					 <b>Joining Fixture (Second Sale)</b>

\* Marked products will be shortly introduced.

# PE PIPES

HDPE pipes are also available in 63 to 630mm in PN 2.5 to PN 16 pressure classes. These pipes are manufactured as per IS:14333-1996 and are available in 6m length. The pipes are joined either by click ring type fittings or by butt welding making them absolutely watertight. These pipes are most useful in an undulating terrain.

**Dimensions of HDPE Pipe - PE 63 as per IS:14333-1996**

Dia	PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
63	-	-	4.0	4.6	5.8	6.7	7.5	8.5	9.0	10.1	10.9	12.2	13.3	14.9
75	3.0	3.5	1.7	5.4	6.9	7.8	8.9	10.0	10.8	12.1	13.0	14.5	15.8	17.6
90	3.6	4.2	5.7	6.5	8.2	9.3	10.6	11.9	12.9	14.4	15.6	17.4	19.0	21.1
110	4.4	5.1	6.9	7.8	10.0	11.2	13.0	14.5	15.8	17.6	19.0	21.1	23.2	25.8
125	5.0	5.7	7.9	8.9	11.4	12.8	14.8	16.5	17.9	19.9	21.6	24.0	26.4	29.3
140	5.6	6.4	8.8	9.9	12.8	14.3	16.5	18.4	20.0	22.2	24.0	26.4	29.5	32.7
160	6.4	7.3	10.0	11.2	14.6	16.3	18.9	21.0	22.9	25.4	27.6	30.6	33.7	37.3
180	7.2	8.2	11.3	12.7	16.4	18.3	21.2	23.6	25.8	28.6	31.1	34.5	37.9	41.9
200	8.0	9.0	12.5	14.0	18.3	20.3	23.6	26.2	28.6	31.7	34.5	38.2	45.2	46.7
225	9.0	10.1	14.1	15.8	20.5	22.8	26.5	29.4	32.2	35.7	38.8	42.9	47.4	52.4
250	10.0	11.2	15.7	17.5	22.8	25.3	29.5	32.7	35.8	39.6	43.2	47.8	52.7	58.2
280	11.2	12.6	17.5	19.5	25.5	28.3	33.0	36.5	40.0	44.2	48.3	53.4	-	-
315	12.6	14.1	19.7	21.9	28.7	31.8	37.1	41.1	45.0	49.7	54.4	60.1	-	-
355	14.2	15.9	22.2	24.7	32.3	35.8	41.8	46.2	50.8	56.1	-	-	-	-
400	16.0	18.6	25.0	29.0	36.4	42.1	47.1	54.4	57.2	66.0	-	-	-	-
450	18.0	20.9	28.2	32.7	41.0	47.4	53.0	61.2	-	-	-	-	-	-
500	20.0	23.2	31.3	36.2	45.5	52.6	-	-	-	-	-	-	-	-
560	22.4	26.0	35.0	40.5	51.0	58.9	-	-	-	-	-	-	-	-
630	25.2	29.2	39.4	45.6	57.3	66.1	-	-	-	-	-	-	-	-

**Dimensions of HDPE Pipe - PE 80 as per IS:14333-1996**

Dia	PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
63	-	-	3.0	3.5	4.4	5.1	5.8	6.6	7.0	7.9	8.6	9.7	10.5	11.8
75	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5	10.2	11.5	12.5	14.0
90	2.8	3.3	4.3	5.0	6.3	7.8	8.2	9.3	10.0	11.2	12.2	13.7	15.0	16.7
110	3.4	1.0	5.3	6.1	7.7	8.7	10.0	11.2	12.3	13.8	14.9	16.6	18.4	20.5
125	3.8	1.4	6.0	6.8	8.8	9.9	11.4	12.8	13.9	15.5	16.9	18.8	20.9	23.2
140	4.3	5.0	6.7	7.6	9.8	11.0	12.8	14.3	15.6	17.4	19.0	21.1	23.4	26.0
160	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8	21.7	24.1	26.7	29.6
180	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20.0	22.2	24.1	27.1	30.1	33.2
200	6.1	7.0	9.6	10.8	14.0	15.6	18.2	20.3	22.3	24.8	27.1	30.1	33.4	37.0
225	6.9	7.8	10.8	12.1	15.7	17.5	20.5	22.8	25.0	27.7	30.5	33.8	37.8	41.5
250	7.6	8.6	12.0	13.4	17.5	19.5	22.8	25.3	28.7	30.8	33.8	37.4	41.7	46.1
280	8.5	9.6	13.4	15.0	19.6	21.8	25.5	28.3	31.2	34.6	37.9	41.9	46.7	51.6
315	9.6	10.8	15.0	16.7	22.7	24.4	28.7	31.8	35.0	38.7	42.6	47.1	52.5	58.0
355	10.8	12.1	17.0	18.9	24.8	27.5	32.3	35.8	39.5	43.7	48.0	53.0	59.2	65.4
400	12.2	14.3	19.1	22.2	28.0	32.4	36.4	42.1	44.5	51.4	54.1	62.5	-	-
450	13.7	16.0	21.5	25.0	31.4	36.4	41.0	47.4	50.0	57.7	-	-	-	-
500	15.2	17.7	23.9	27.7	34.9	40.4	45.5	52.6	55.6	64.2	-	-	-	-
560	17.0	19.8	26.7	31.0	39.1	45.2	51.0	58.9	-	-	-	-	-	-
630	19.1	22.2	30.0	34.7	44.0	50.8	57.3	66.1	-	-	-	-	-	-
710	21.6	25.1	33.9	39.2	49.2	57.3	-	-	-	-	-	-	-	-
800	24.3	28.2	38.1	44.1	55.9	64.5	-	-	-	-	-	-	-	-

## Dimensions of HDPE Pipe - PE 100 as per IS:14333-1996

Dia	PN 6		PN 8		PN 10		PN 12.5		PN 16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
63	3.6	4.2	4.7	5.4	5.8	6.6	7.0	7.9	8.7	9.8
75	4.3	5.0	5.6	6.4	6.9	7.8	8.4	9.5	10.4	11.7
90	5.1	5.9	6.7	7.6	8.2	9.3	10.0	11.2	12.5	14.0
110	6.3	7.2	8.2	9.3	10.0	11.2	12.3	13.8	15.2	17.0
125	7.1	8.1	9.3	10.5	11.4	12.8	13.9	15.5	17.3	19.3
140	8.0	9.0	10.4	11.7	12.8	14.3	15.6	17.4	19.4	21.6
160	9.1	10.3	11.9	13.3	14.6	16.3	17.8	19.8	22.1	24.6
180	10.2	11.5	13.4	15.0	16.4	18.3	20.0	22.2	24.9	27.6
200	11.4	12.8	14.9	16.6	18.2	20.3	22.3	24.8	27.6	30.6
225	12.8	14.3	16.7	18.6	20.5	22.8	25.0	27.7	31.4	34.5
250	14.2	15.9	18.6	20.7	22.8	25.3	27.8	30.8	34.5	38.2
280	15.9	17.7	20.8	23.1	25.5	28.3	31.2	34.6	38.7	42.8
315	17.9	19.9	23.4	26.0	28.7	31.8	35.0	38.7	43.5	48.1
355	20.1	22.4	26.3	29.2	32.3	35.8	39.5	43.7	49.0	54.1
400	22.7	26.4	29.7	34.4	36.4	42.1	44.5	51.4	55.2	63.7
450	25.5	29.6	33.4	38.7	41.0	47.4	50.0	57.7	-	-
500	28.4	32.9	37.1	42.9	45.5	52.6	55.6	64.2	-	-
560	31.7	36.7	41.5	48.0	51.0	58.9	-	-	-	-
630	35.7	41.3	46.7	54.0	57.3	68.1	-	-	-	-
710	40.2	46.5	52.6	60.7	-	-	-	-	-	-
800	45.3	52.3	-	-	-	-	-	-	-	-

## Gratings for Covering Surface Drains

Grating for surface drain is one more useful product offered by the company. Concrete or cast iron Gratings that are being used presently are associated with several problems such as heavy weight and corrosion making them difficult to handle, install and are expensive. The gratings in plastics are free from the aforesaid problems and in fact, have several more advantages that make the product a superior choice for surface drain covers.

### Advantages

- Light weight, easy to handle and store.
- Tough and durable.
- Ease of installation.
- Environment friendly.
- Versatile.
- Less prone to thefts.
- Excellent corrosion and chemical resistance.
- Cost effective.
- Superior substitute to CI and concrete gratings.

### Fields of Applications

The Supreme gratings offer the correct solution for surface drains, in various applications like pavements, road side curbs, cycle paths, car-parks, school yards, play grounds, shopping malls, storage yards, sports grounds, building terraces and balconies, side drains in building complexes and several other applications.

### Strength of Grating

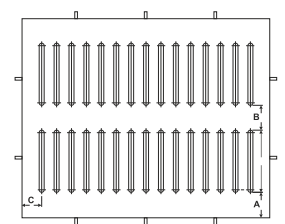
Gratings are designed for parking and light traffic movements with designed wheel load of 1.5 MT.

### Range

Gratings are available in standard lengths of 500 and 600mm and in widths of 150, 200, 375 and 400mm.

### Dimension details

Size (mm) (+5.0, -0.0)	Dimension			No of slots	Thickness (mm)
	A	B	C		
500 x 150	30	90	40	15	15
500 x 200	50	100	40	15	15
500 x 375	30	65	40	15	15
500 x 400	45	60	40	15	15
600 x 150	30	90	45	18	15
600 x 200	50	100	45	18	15
600 x 375	30	65	45	18	15
600 x 400	45	60	45	18	15



## THE SYSTEM

The Supreme Safeguard® septic tanks are designed to provide a better substitute to existing conventional brick and mortar septic tanks or tanks made out of Hume pipes. Conventional septic tanks are associated with multiple problems of corrosion and leakages thereby polluting soil and ground water. Besides cumbersome and time consuming construction and repeated maintenance requirements, the life span of these concrete tanks is short and uncertain. On the other hand, Supreme Safeguard® septic tanks are free from the above problems and offer many outstanding features.

### Product Range

We offer septic tanks in different sizes ranging from 1000 to 29,500 ltrs capacity. Septic tanks up to 3000 ltrs are available in vertical design which has two separate integral compartment for proper settlement & decomposition of solid waste whereas, the septic tanks above 5500 ltrs capacity have modular horizontal design. Different modular units can be connected with each other for increased capacity up to 29,500 ltrs.

Recently we have introduced 1000 ltrs septic tank in horizontal design.

## FEATURES AND BENEFITS

**Rotationally moulded, one-piece construction** - Supreme Safeguard® septic tanks are manufactured by rotational moulding process which produces a one piece, seamless, watertight and strong product.

**Unique design** - Safeguard® septic tanks have unique patented design which allows vertical settlement of the solids and are found to be much more efficient than conventionally built septic tanks.

**Great strength** - Robust design with unique rib structure provides superior structural integrity to the tank to meet various loading and handling requirements.

**Simple and quick Installation** - Safeguard® ready to use septic

tanks are light in weight that makes the installation very simple and quick. Minimum requirement of excavation further saves lot of time, energy and costs. Installation of these tanks can be carried out even by unskilled workers with little training. Any Safeguard® septic tank can be transported to the job site in a pickup van and needs just two people to carry.

**Excellent chemical resistance** - Unlike conventional tanks, polyethylene is unaffected by soil chemicals and the chemicals and gases present in sewage. Therefore Supreme Safeguard® septic tanks do not rust or corrode and require no additional coatings. Safeguard® septic tanks are absolutely safe against ill effects of hydrogen sulphide (H<sub>2</sub>S), a common problem with masonry or concrete septic tanks or the ones made from Hume pipes. Manufactured under strict quality guidelines, Safeguard® ensures an environmentally safe septic system.

**Hygienic and safe** - It is 100% watertight and hence guarantees against leakages preventing soil and ground water pollution.

**Minimal maintenance** required for these tanks saves time and costs.

**Long life** - expected to last 50 years i.e. the life time of a building.

**Ready to install complete pre-plumbed set** - Safeguard® tanks are supplied as a complete set with necessary accessories like inlet and outlet connections, rodding eye, extension piece, cover and watertight seals on all joints. Thus, the tank that you receive is ready for installation.

**Free from corrosion and subsequent infiltration and ex-filtration problems**

**No root penetration**

**Minimum space requirement** - Being available in ready to use form, these tanks can be installed in minimum space with minimum excavation

**Can be relocated**

**Eco-friendly**



## Product Range

### Septic Tank - Vertical

Item Code	Size (ltrs.)	Ex. Fact Rate
RLSVST1000IB	1000	12500.00
RLSVST1500IB	1500	18750.00
RLSVST2002IB	2000	25000.00
RLSVST3000IB	3000	37500.00
RLSVST1001IB	1000	13150.00
RLSVST1501IB	1500	19725.00
RLSVST2001IB	2000	26300.00
RLSVST3001IB	3000	39450.00

(with extension piece)

### Product details of Vertical septic tanks

Capacity (ltrs)	Diameter (m)	Height (m)	Recommended users (for 5 years cleaning period)
1000	1.20	1.321	4 - 5
1500	1.20	1.692	5 - 8
2000	1.42	1.730	8 - 10
3000	1.75	1.748	12 - 15



### Septic Tank - Modular

Item Code	Size (ltrs.)	Ex. Fact Rate
RLSHSTA101IB	1000 (Stand alone)	15000.00
RLSMST5500IB	5500 (Stand alone)	72325.00
RLSMST9500IB	9500 (Domed end 4750 ltrs x 2 nos.)	124925.00
RLSMST1350IB	13500 (Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 1 no.)	177525.00
RLSMST1750IB	17500 (Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 2 nos.)	230125.00
RLSMST2150IB	21500 (Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 3 nos.)	282725.00
RLSMST2550IB	25500 (Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 4 nos.)	335325.00
RLSMST2950IB	29500 (Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 5 nos.)	387925.00



### Product details of Modular septic tanks

Capacity (ltrs)	Combinations	Inlet / Outlet (mm)	Length (m)	Diameter/ Height (m)	Recommended users (for 5 years cleaning period)
1000	Stand alone	110	2.33	0.91	4 - 5
5500	Stand alone	160	2.50	2.20	20 - 30
9500	Domed end 4750 ltrs x 2 nos.	160	4.10	2.20	30 - 50
13500	Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 1 no.	160	5.55	2.20	50 - 70
17500	Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 2 nos.	160	7.00	2.20	70 - 90
21500	Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 3 nos.	160	8.45	2.20	90 - 100
25500	Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 4 nos.	200	9.90	2.20	100 - 130
29500	Domed end 4750 ltrs x 2 nos. + Inner 4000 ltrs x 5 nos.	200	11.40	2.20	130 - 150

**Note-** Specified users are based on flow rates of 80 to 120 liter/person/day and 4-5 years cleaning frequency. Modular units are supplied with required connecting pipes and rubber seals.

Item Code	Size (mm)	Ex. Fact Rate	Item Code	Size (mm)	Ex. Fact Rate
RLSEXT0500BK	500 (long)	4319.00	RLSCOV0500BK	500	730.00
RLSEXT0300BK	300 (long)	1343.00	(Vertical Tank)		
RLSEXT0150BK	150 (long)	1947.00	RLSCOV0600BK	600	1178.00
			(Modular Tank)		
	*50		4100410	50	3275.00
	*75		4100566	75	4500.00
1602454	110	64.00	4100412	110	5406.00
1602455	160	112.00	4100517	160	6406.00
1602458	200	398.00	4100411	200	8063.00



Extension Piece



Cover



Rubber Seal



Hole Saw

**Note:** Rubber Seal and Hole Saw can be used for Amrutam Underground Water Tanks.

\*Marked product will be shortly introduced

## THE SYSTEM

STP is a facility to treat waste water collected from the households, colonies, townships or cities. Wastewater contains contaminants that include bacteria, organic chemicals and other toxins. STP aims at reducing these contaminants to the acceptable level. Micro-organisms convert the polluted water, sewage, waste etc. into the clean or clear water. STP improves the quality of water and makes it safe for disposal or discharge back into the environment or the treated water can also be reused for the purpose of gardening, irrigation, flushing etc. depending on the degree of treatments involved.

### Safeguard Packaged STP's - Design Objectives

- Achieve the desired results on a consistent and sustained basis
- Lasts for at least 10-15 years without major maintenance or repairs
- Achieve the desired treated water quality in minimum cost
- Facilitate user-friendly installation
- Easy operation and maintenance

### Applications

- Residential and Commercial Complexes
- Public Gardens and National Parks
- Hotels and Resorts
- Restaurants
- Institutions
- Industries
- Domestic waste water
- Hospitals
- Temples
- Government Offices
- Labour Quarters
- Townships

### Product Range

We offer packaged sewage treatment plants in different sizes ranging from 1 KLD to 30 KLD capacities as given below

Sr. No.	Model	Capacity (KLD)
1	SPSTP-5	1 to 5
2	SPSTP-10	6 to 10
3	SPSTP-15	11 to 15
4	SPSTP-20	16 to 20
5	SPSTP-25	21 to 25
6	SPSTP-30	26 to 30

Note: Project specific STP designs will be provided especially for the sizes over 30 KLD capacities.



## FEATURES AND BENEFITS

- Intelligent combination of anaerobic and aerobic treatment
- Excellent effluent quality - Meets SPCB/CPCB requirements
- Excellent treatment efficiency and energy efficient
- Hygienic and safe operation
- Free from leakages, breakages and blockages
- No root penetration and fungal growth
- Rust proof
- Minimal sludge generation
- 70% reduction in O & M cost compared to conventional STP's
- Compact space saving design
- Minimum intervention with self-sustainability
- Availability with a design option for underground or above the ground installation or its combination.
- Available from 5 to 100 KLD capacities
- No chemical dosing
- Simple, quick and user friendly installation
- Aesthetic view and noise free working
- PLC based automatic operation
- Fully automatic operation - no need of skilled supervision





After successfully introducing 'Nu-Drain underground drainage system' and 'Safeguard readymade septic tanks', we are pleased to introduce yet another innovative and useful product i.e. mobile '**Readymade Toilet Blocks and Urinals**'. These products are introduced under the brand name "Cleanage®". The modular toilet blocks having European WC is provided with overhead water tank and flushing arrangement. Modular toilet blocks can be installed in a series with minimum space requirement. These superior products offer multiple advantages and are in line with central Govt's initiatives to provide sanitation for all and will certainly enhance the quality of life by improving the quality of sanitation across the country.

### FEATURES AND BENEFITS

- Can be installed and put to use without any loss of time
- Complete in all respects with required traps, plumbing accessories and electrical connections
- Light weight yet strong and sturdy
- Easy and quick installation
- Elegant look
- Easy to clean and maintain
- Long life

### Fields of Applications

- Rural sanitation
- Constructions sites
- Schools and hospitals
- Public places in municipal areas
- Sporting events
- Different events and religious gatherings like Kumbh melas, fairs (yatras) etc.
- Military camps
- Park and gardens

### Technical Specifications

Overall dimensions

Readymade toilet block : 2450 (H) x 1080 (W) x 930 (B)

Modular toilet block :

- Single unit : 2644 (H) x 970 (W) x 957 (L)
- Modular in series : 2644 (H) x 970 (W) x (No. of toilets x 957) (L)

Size of outlet : 110 mm (for toilet block)  
75 mm (for ladies urinal)

(All dimensions are in mm)



# Product Range

Item Code                      Rate

RLSPCTB001CR



**Toilet Block (Indian)**

RLSPCTT001CR



**Toilet Top**

**Indian Base**

- RLSMTBLU01PB (W/O tank) - 1Unit
- RLSMTBLU02PB (With tank) - 1Unit
- RLSMTBLU03PB (W/O tank) - 2Units
- RLSMTBLU04PB (With tank) - 2Units

**European Base**

- RLSMTBLU05PB (W/O tank) - 1Unit
- RLSMTBLU06PB (With tank) - 1Unit



**Modular Toilet Block**

Item Code                      Rate

RLSMBBLU01PB  
(With tank) - 1Unit

RLSMBBLU02PB  
(Without tank) - 1Unit



**Bathroom**

RLSPCLU001MP



**Ladies Urinal Block**



After successfully introducing many innovative and value added products like Nu-drain underground drainage system, Safeguard readymade septic tanks and readymade toilet blocks, we are pleased to introduce Cleanage readymade men's urinals, an innovative and useful product to promote hygiene at public places. This superior product equipped with multiple features and is in line with central Govt's initiatives to provide sanitation for all and will certainly enhance the quality of sanitation across the country.

**FEATURES AND BENEFITS**

- Readymade structure with in-built accessories
- Compact and user friendly
- In-built flushing mechanism
- Can be immediately commissioned
- Easy and fast installation
- Minimal maintenance
- Cost effective
- Long life

**Applications**

- Public places in rural and municipal areas
- Construction sites
- Schools and hospitals
- Sport events
- Different events and religious gatherings like kumbh melas, fairs (yatras) etc.
- Military camps
- Park and gardens

**Technical Specifications**

Material : Polyethylene  
 Overall dimensions : 2975 (H) x 1180 (W) x 1180 (L) mm  
 Size of outlet : 75 mm



**Product Range**

Item Code	Rate
RLMAU000000SB (Blue)	
RLMAU000000OG (O Green)	

# Rigid PVC Pressure Pipes and Fittings

*... The most comprehensive range with a wide spectrum of fittings*

IS:4985-2000



CM/L 1235335



The Supreme Industries Ltd., is an acknowledged leader of India's plastic industry. It is credited with pioneering several path-breaking products and has been a torch bearer in the transition from conventional to advanced plastic piping products in the country. Its customer-centric approach fuels its research for designing unmatched quality products to meet the aspirations of its quality conscious customers. The innovative product portfolio offered by Supreme is extensive in range and application and comprises variety of pipes and vast spectrum of fittings totaling over 9500 diverse products.

Supreme uPVC pressure piping system with a wide spectrum of pipes and fittings in different sizes and pressure classes is an ideal solution for water supply and irrigation. This system is equipped with many outstanding features that assure a long term and trouble free service life. It is because of the superior quality, the Supreme pressure piping system has become the prime choice of the farmers, water supply bodies and different government institutions.

## Unique Features

- Strong and reliable
- Odorless and hygienic
- High corrosion and chemical resistance
- Smooth bore
- Self extinguishing quality
- Maintenance free
- Long lasting
- Economical

*Jeevan bhar ka saath...*

## THE SYSTEM

Supreme offers an exhaustive range of uPVC pressure pipes and fittings. Pressure pipes are manufactured as per IS:4985-2021 standards and are made available in 20 to 450mm sizes in different pressure classes. Pipes with both types of joints i.e. solvent cement type and elastomeric rubber seal type are available. Varieties of moulded fittings and wide range of handmade fittings are also available to offer complete system solution. Moulded fittings are manufactured as per IS:7834 and fabricated fittings are manufactured as per IS:10124 and company standards. These pipes and fittings are used for a variety of applications like irrigation, water supply, industrial process lines, swimming pools, firefighting mains etc. These pipes are superior to CI, DI or RCC pipes as they are light in weight, easy and quick to install, have excellent corrosion and chemical resistance, higher flow rates, longer life and economy. These pipes have the approval of MJP.



## FEATURES AND BENEFITS

**Strong and reliable** - Supreme uPVC Pressure pipes and fittings are manufactured using best quality virgin raw material and state of the art equipments and hence they are very strong, durable and reliable.

**Odorless and hygienic** - These pipes are an excellent choice for carrying potable water as they do not allow contamination.

**High corrosion resistance** - Being immune to chemical, electrolytic and galvanic action, these pipes are free from corrosion which ensures a much longer and useful life.

**High chemical resistance** - Pipes offer excellent resistance to acids, oxidizing agents, alkalis, oils and domestic effluents.

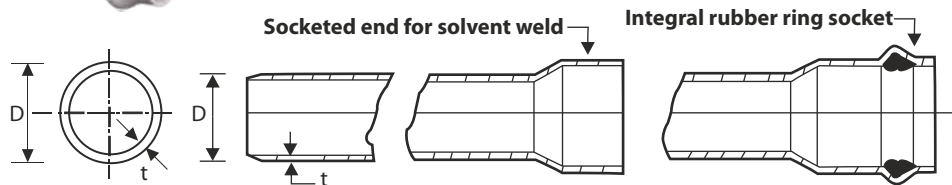
**Smooth bore** - Pipes have a mirror smooth inner surface and hence better flow characteristics in comparison to AC, CI & GI pipes. This helps to reduce friction losses and pumping costs.

**Self extinguishing quality** - This feature eliminates the need for fire resistant coatings.

**Maintenance free** - Corrosion resistance property of the PVC pipes eliminates the need for repeated painting or coating like in the case of GI pipes.

**Economical** - Despite being superior to conventional pipes, Supreme PVC pipes are very light in weight and last much longer than older piping systems offering a great economy in handling, transportation, installation and replacement.

## PIPES



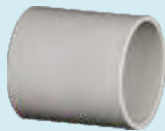
Dimensions of uPVC Pressure Pipes as per IS:4985-2021

Nominal outside diameter (D)	Tolerance on outside diameter	Wall thickness (t) mm						
		Class 1 (PN) 2.5 kgf/cm <sup>2</sup>	Class 2 (PN) 4 kgf/cm <sup>2</sup>	Class 3 (PN) 6 kgf/cm <sup>2</sup>	Class 4 (PN) 8 kgf/cm <sup>2</sup>	Class 5 (PN) 10 kgf/cm <sup>2</sup>	Class 6 (PN) 12.5 kgf/cm <sup>2</sup>	Plumbing pipes
		EX.FAC/Per Lnth	EX.FAC/Per Lnth	EX.FAC/Per Lnth	EX.FACT/Per Lnth	EX.FAC/Per Lnth	EX.FAC/Per Lnth	EX.FAC/Per Lnth
20	+ 0.3	-	-	-	-	158.00	-	331.00
25	+ 0.3	-	-	-	229.00	245.00	-	443.00
32	+ 0.3	-	-	-	350.00	404.00	-	665.00
40	+ 0.3	-	-	370.00	494.00	605.00	-	914.00
50	+ 0.3	-	-	570.00	772.00	941.00	-	1190.00
63	+ 0.3	-	631.00	914.00	1196.00	1391.00	-	-
75	+ 0.3	-	889.00	1276.00	1732.00	1987.00	-	-
90	+ 0.3	821.00	1234.00	1808.00	2423.00	2838.00	-	-
110	+ 0.4	1190.00	1818.00	2609.00	3622.00	4234.00	-	-
125	+ 0.4	1537.00	2530.00	3638.00	47260.00	5564.00	-	-
140	+ 0.5	1928.00	3006.00	4411.00	5980.00	6910.00	-	-
160	+ 0.5	2464.00	3935.00	5567.00	7805.00	8924.00	-	-
180	+ 0.6	3206.00	5048.00	7259.00	9758.00	11617.00	-	-
200	+ 0.6	3893.00	6182.00	9072.00	12120.00	14156.00	-	-
225	+ 0.7	5054.00	7901.00	11485.00	14974.00	17918.00	-	-
250	+ 0.8	6092.00	9659.00	14114.00	19118.00	22696.00	-	-
280	+ 0.9	7992.00	12488.00	18086.00	23903.00	28972.00	-	-
315	+ 1.0	10125.00	15696.00	23048.00	30031.00	36719.00	-	-
355	+ 1.1	13550.00	20948.00	31128.00	39112.00	-	-	-
400	+ 1.2	17579.00	26807.00	38966.00	-	-	-	-
450	+ 1.4	22120.00	33692.00	49512.00	-	-	-	-

Note: 1) Pipes are offered in Light Grey (LG) and/or Dark Grey (DG) colours in standard lengths of 6m. Pipes are offered plain or socketed, based on diameter and class of pipe. 2) Ringtight pipes with integral rubber ring socket (Elastomeric joint) are available from 63mm to 315mm in 4, 6 and 10 kgf/cm<sup>2</sup> pressure class. 3) Prefix "PN" indicates Nominal Pressure, i.e., working pressure.

## FITTINGS

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FACT RATE
MP1A1CPL063L	63	1	335	11.30
MP1A1CPL075L	75	1	200	14.90
MP1A1CPL090L	90	1	100	31.50
MP1A1CPL110L	110	1	60	46.40
MP1A3CPL050L	50	3	130	12.30
MP1A3CPL140L	140	3	24	—
MP1A4CPL063L	63	4	90	23.50
MP1A4CPL075L	75	4	68	38.70
MP1A4CPL090L	90	4	34	55.10
MP1A4CPL110L	110	4	21	84.50
MP1A4CPL140L	140	4	20	145.40
MP1A4CPL160L	160	4	16	234.40
MP1A4CPL180L	180	4	10	304.70
MP1A4CPL200L	200	4	6	398.50
MP1A6CPL040L	40	6	190	11.60
MP1A6CPL050L	50	6	160	18.30
MP1A6CPL063L	63	6	200	28.10
MP1A6CPL075L	75	6	60	42.30
MP1A6CPL090L	90	6	24	67.10
MP1A6CPL110L	110	6	48	116.10
MP1A6CPL140L	140	6	18	218.00
MP1A6CPL160L	160	6	16	267.20
MP1A6CPL200L	200	6	6	501.00
MP1A6CPL250L	250	6	2	1139.60
MP1ATCPL020L	20	10	800	4.10
MP1ATCPL025L	25	10	500	6.20
MP1ATCPL032L	32	10	300	8.50
MP1ATCPL040L	40	10	175	13.20
MP1ATCPL050L	50	10	100	20.60
MP1ATCPL063L	63	10	80	35.00
MP1ATCPL075L	75	10	50	54.80
MP1ATCPL090L	90	10	24	82.60
MP1ATCPL110L	110	10	18	157.80
MP1ATCPL160L	160	10	5	329.60
MP1ASCPL020D	20	16	500	6.60
MP1ASCPL025D	25	16	300	10.40
MP1ASCPL032D	32	16	200	16.20
MP1ASCPL040D	40	16	170	18.20
MP1ASCPL050D	50	16	150	26.30
MP1ASCPL063D	63	16	90	49.20
MP1ASCPL075D	75	16	52	88.00
MP1ASCPL090D	90	16	27	126.40
MP1ASCPL110D	110	16	18	166.10
MP1A1ELB063L	63	1	165	22.10
MP1A1ELB075L	75	1	100	29.90
MP1A1ELB090L	90	1	55	50.60
MP1A1ELB110L	110	1	30	76.90
MP1A2ELB063L	63	2	150	25.00
MP1A2ELB075L	75	2	90	37.10
MP1A2ELB090L	90	2	50	61.70
MP1A2ELB110L	110	2	28	97.50
MP1ANELB020L	20	3	600	4.50
MP1ANELB025L	25	3	300	7.40
MP1ANELB032L	32	3	200	11.30
MP1ANELB040L	40	3	200	15.60
MP1ANELB050L	50	3	250	21.10
MP1ANELB063L	63	3	120	38.70
MP1ANELB075L	75	3	75	53.90
MP1ANELB090L	90	3	45	80.90
MP1ANELB110L	110	3	25	119.60
MP1ANELB160L	160	3	8	213.30
MP1APELB063L	63	3	75	44.10
MP1APELB075L	75	3	50	56.70
MP1APELB090L	90	3	25	86.50
MP1APELB110L	110	3	20	126.00
MP1A4ELB050L	50	4	95	26.90
MP1A4ELB063L	63	4	50	49.10
MP1A4ELB075L	75	4	30	67.10
MP1A4ELB090L	90	4	40	99.40
MP1A4ELB111L	110	4	24	155.90
MP1A4ELB140L	140	4	7	232.10



Coupler



Elbow 90°

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FACT RATE
MP1A4ELB160L	160	4	5	372.70
MP1A4ELB180L	180	4	4	666.90
MP1A4ELB200L	200	4	3	794.60
MP1A4ELB315L	315	4	1	4350.00
MP1A6ELB040L	40	6	110	21.20
MP1A6ELB050L	50	6	90	35.60
MP1A6ELB063L	63	6	50	52.40
MP1A6ELB075L	75	6	30	75.50
MP1A6ELB090L	90	6	38	127.90
MP1A6ELB110L	110	6	20	217.90
MP1A6ELB140L	140	6	12	293.60
MP1A6ELB160L	160	6	7	410.00
MP1A6ELB180L	180	6	5	788.70
MP1A6ELB200L	200	6	3	1588.00
FPP3SB9225LG	225(F)	6	L	2524.20
MP1A6ELB250L	250	6	2	2976.60
MP1ATELB020L	20	10	600	5.90
MP1ATELB025L	25	10	300	8.90
MP1ATELB032L	32	10	200	12.10
MP1ATELB040L	40	10	110	23.50
MP1ATELB050L	50	10	65	36.70
MP1ATELB063L	63	10	50	59.20
MP1ATELB075L	75	10	28	89.60
MP1ATELB090L	90	10	15	152.90
MP1ATELB110L	110	10	10	234.40
MP1ATELB160L	160	10	3	779.30
MP1ATELB200L	200	10	2	1610.00
MP1A8ELB025L	25	12.5	350	9.80
MP1ASELB020D	20	16	400	9.20
MP1ASELB025D	25	16	400	13.60
MP1ASELB032D	32	16	180	18.70
MP1ASELB040D	40	16	140	31.70
MP1ASELB050D	50	16	85	46.10
MP1ASELB063D	63	16	45	77.70
MP1ASELB075D	75	16	30	107.20
MP1ASELB090D	90	16	16	172.40
MP1ASELB110D	110	16	8	365.00
MP1A6SSB040L	40	6	100	24.40
MP1A6SSB050L	50	6	55	37.50
MP1A6SSB063L	63	6	45	54.40
MP1A6SSB075L	75	6	28	78.00
MP1A6SSB090L	90	6	15	120.00
MP1A6SSB110L	110	6	15	307.60
MP1A8SSB025L	25	12.5	300	11.70
MP1A8SSB032L	32	12.5	160	16.90
MP1A4REB090L	90x63	4	30	78.80
MP1A4REA110L	110x90	4	12	161.70
MP1A4REB160L	160x110	4	10	300.00
MP1A6REA075L	75x63	6	30	74.90
MP1A6REB090L	90x50	6	25	88.00
MP1A6REB091L	90x63	6	30	85.00
MP1A6REA090L	90x75	6	22	107.00
MP1A6REC110L	110x63	6	15	131.90
MP1A6REB110L	110x75	6	18	136.40
MP1A6REA110L	110x90	6	12	168.60
MP1ATREA025L	25x20	10	400	9.60
MP1ATREB032L	32x20	10	250	12.70
MP1ATREA032L	32x25	10	250	13.20
MP1A4BDF040L	40	4	150	16.40
MP1A4BDF075L	75	4	40	53.90
MP1A4BDF090L	90	4	22	82.10
MP1A4BDF110L	110	4	30	117.20
MP1A4BDF140L	140	4	16	193.40
MP1A4BDF160L	160	4	10	271.10
MP1A4BDF200L	200	4	4	748.90
MP1A4BDF315L	315	4	1	2880.40
MP1A6BDF040L	40	6	150	17.60
MP1A6BDF050L	50	6	125	26.90
MP1A6BDF063L	63	6	65	44.00
MP1A6BDF075L	75	6	40	60.10



Elbow 90°



Short Swept Bend



Reducing Elbow



Elbow 45°

1) Fittings are offered in Light Grey (LG) and Dark Grey (DG) colours. All the fittings shown in dark grey colour are in PN 16 pressure class. 2) Prefix "PN" indicates Nominal pressure, i.e., working pressure. 3) 1, 2 and 3 kgf/cm<sup>2</sup> pressure class economical fittings are also available under the brand name of "Smart", "Sufala L.W." and "Sufala" respectively. F - Fabricated.

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC
MP1A6BDF090L	90	6	20	102.60
MP1A6BDF110L	110	6	30	158.30
MP1A6BDF160L	160	6	3	380.90
MP1A6BDF200L	200	6	2	820.40
MP1A6BDF250L	250	6	1	1692.00
MP1ATBDF020L	20	10	600	5.50
MP1ATBDF025L	25	10	400	7.50
MP1ATBDF032L	32	10	250	11.30
MP1ATBDF050L	50	10	120	37.60
MP1ATBDF063L	63	10	60	58.90
MP1ATBDF075L	75	10	35	87.40
MP1ATBDF090L	90	10	22	136.40
MP1ATBDF110L	110	10	12	241.50
MP1ASBDF020D	20	16	450	8.30
MP1ASBDF025D	25	16	300	12.80
MP1ASBDF032D	32	16	250	18.50
MP1ASBDF040D	40	16	175	30.40
MP1ASBDF050D	50	16	90	45.10
MP1ASBDF063D	63	16	60	67.90
MP1ASBDF075D	75	16	32	115.40
MP1ASBDF090D	90	16	21	175.80
MP1ASBDF110D	110	16	12	284.90
MP1A1TEE063L	63	1	105	28.00
MP1A1TEE075L	75	1	65	35.70
MP1A1TEE090L	90	1	40	55.60
MP1A1TEE110L	110	1	22	93.80
MP1A2TEE063L	63	2	95	29.90
MP1A2TEE075L	75	2	55	49.40
MP1A2TEE090L	90	2	40	70.80
MP1A2TEE110L	110	2	20	110.60
MP1ANTEE020L	20	3	500	6.10
MP1ANTEE025L	25	3	200	10.90
MP1ANTEE032L	32	3	100	15.80
MP1ANTEE040L	40	3	125	21.10
MP1ANTEE050L	50	3	165	27.00
MP1ANTEE063L	63	3	80	44.60
MP1ANTEE075L	75	3	45	63.30
MP1ANTEE090L	90	3	30	96.10
MP1ANTEE110L	110	3	18	124.20
MP1ANTEE160L	160	3	7	278.90
MP1APTEE063L	63	3	50	57.80
MP1APTEE075L	75	3	50	76.30
MP1APTEE090L	90	3	30	104.70
MP1APTEE110L	110	3	20	153.70
MP1A4TEE050L	50	4	60	39.70
MP1A4TEE063L	63	4	24	63.80
MP1A4TEE075L	75	4	48	88.00
MP1A4TEE090L	90	4	25	142.10
MP1A4TEE110L	110	4	18	207.10
MP1A4TEE140L	140	4	8	336.50
MP1A4TEE160L	160	4	5	450.00
MP1A4TEE200L	200	4	2	1103.90
MP1A4TEE315L	315	4	1	5277.20
MP1A6TEE040L	40	6	110	27.70
MP1A6TEE050L	50	6	60	42.10
MP1A6TEE063L	63	6	24	72.00
MP1A6TEE075L	75	6	20	103.60
MP1A6TEE090L	90	6	12	156.20
MP1A6TEE110L	110	6	15	277.50
MP1A6TEE140L	140	6	8	493.40
MP1A6TEE160L	160	6	5	851.70
MP1A6TEE180L	180	6	3	1019.60
MP1A6TEE200L	200	6	1	2343.80
FPP3EQT225LG	225(F)	6	L	3457.10
MP1A6TEE250L	250	6	1	4142.60
MP1ATTEE020L	20	10	400	7.50
MP1ATTEE025L	25	10	200	12.70
MP1ATTEE032L	32	10	100	19.20
MP1ATTEE040L	40	10	75	30.50
MP1ATTEE050L	50	10	45	46.90
MP1ATTEE063L	63	10	33	88.60
MP1ATTEE075L	75	10	20	124.40
MP1ATTEE090L	90	10	12	211.00
MP1ATTEE110L	110	10	7	355.10
MP1ATTEE140L	140	10	6	695.30
MP1ATTEE160L	160	10	2	975.60



Elbow 45°



Equal Tee

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC
MP1ASTEEO20D	20	16	300	13.20
MP1ASTEEO25D	25	16	225	18.80
MP1ASTEEO32D	32	16	150	23.90
MP1ASTEEO40D	40	16	110	40.20
MP1ASTEEO50D	50	16	64	57.50
MP1ASTEEO63D	63	16	30	101.60
MP1ASTEEO75D	75	16	20	144.50
MP1ASTEEO90D	90	16	12	241.40
MP1ASTEEO110D	110	16	7	470.70
MP1A6CRT063L	63	6	60	70.40
MP1A6CRT075L	75	6	35	118.20
MP1A6CRT090L	90	6	21	169.80
MP1A6CRT110L	110	6	12	322.40
MP1ATCRT025L	25	10	200	14.60
MP1ATCRT032L	32	10	100	21.70
MP1A4CTF063L	63x20	4	35	52.90
MP1A4CTE063L	63x25	4	35	54.40
MP1A4CTC063L	63x32	4	30	59.20
MP1A4CTE075L	75x25	4	24	70.40
MP1A4CTD075L	75x32	4	25	71.30
MP1A6CTC040L	40x20	6	80	25.80
	*40x32	6		-
MP1A6CTB063L	63x40	6	25	50.50
MP1A6CTC075L	*75x40	6	25	99.50
MP1A4RTA075L	75x63	4	50	76.20
MP1A4RTB091L	90x63	4	34	103.60
MP1A4RTA090L	90x75	4	30	112.50
MP1A4RTB110L	110x75	4	22	160.00
MP1A4RTA110L	110x90	4	20	196.10
MP1A4RTD160L	160x75	4	7	359.60
MP1A4RTB160L	160x110	4	6	374.20
MP1A6RTC040L	40x20	6	100	22.10
MP1A6RTA040L	40x32	6	90	31.00
MP1A6RTB050L	50x32	6	60	49.80
MP1A6RTE063L	63x20	6	32	53.70
MP1A6RTB063L	63x40	6	30	61.50
MP1A6RTA063L	63x50	6	28	63.30
MP1A6RTC075L	75x40	6	24	76.20
MP1A6RTB075L	75x50	6	24	83.60
MP1A6RTA075L	75x63	6	24	107.60
MP1A6RTB090L	90x63	6	15	137.70
MP1A6RTA090L	90x75	6	36	123.10
MP1A6RTD110L	110x50	6	10	205.10
MP1A6RTC110L	110x63	6	10	199.20
MP1A6RTB110L	110x75	6	20	182.00
MP1A6RTA110L	110x90	6	18	238.90
MP1A6RTA140L	140x110	6	8	433.60
MP1A6RTB160L	160x110	6	7	566.10
MP1A6RTA160L	160x140	6	5	637.50
MP1A6RTD200L	200x110	6	4	937.50
MP1A6RTB200L	200x160	6	3	1459.10
MP1ATRTO25L	25x20	10	200	12.80
MP1ATRTB032L	32x20	10	150	17.60
MP1ATRTO32L	32x25	10	150	23.50
MP1ATRTB040L	40x25	10	100	22.90
MP1ATRTB040L	40x32	10	90	31.40
MP1ATRTO50L	50x25	10	65	31.70
MP1ATRTO63L	63x25	10	32	49.20
MP1ATRTO63L	63x32	10	32	52.80
MP1ATRTO63L	63x50	10	28	68.80
MP1ATRTO110L	110x90	10	8	308.30
MP1ATRTB160L	160x110	10	3	954.00
MP1A6ETA063L	63x75	6	30	72.10



Equal Tee



Cross Tee



Reducing Cross Tee



Reducing Tee



Enlarging Tee

1) Fittings are offered in Light Grey (LG) and Dark Grey (DG) colours. All the fittings shown in dark grey colour are in PN 16 pressure class. 2) Prefix "PN" indicates Nominal pressure, i.e., working pressure. 3) 1, 2 and 3 kgf/cm<sup>2</sup> pressure class economical fittings are also available under the brand name of "Smart", "Sufala L.W." and "Sufala" respectively. F - Fabricated. \*Marked size will be shortly introduced.

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC
MP1A4WYE250L	250	4	1	5493.20
MP1A6WYE063L	63	6	60	81.20
MP1A6WYE075L	75	6	16	161.30
MP1A6WYE090L	90	6	8	231.80
MP1A6WYE110L	110	6	5	474.70
MP1A6WYE140L	140	6	6	776.30
MP1A6WYE160L	160	6	4	908.30
MP1A6WYE200L	200	6	1	2197.40
MP1ATWYE110L	110	10	5	585.00
MP1ATWYE140L	140	10	2	1110.00
MP1ATWYE160L	160	10	3	1541.30



Single Y

MP1A4RYD200L	200x110	4	2	1575.00
MP1A4RYB200L	200x160	4	2	1809.20
MP1A6RYC110L	110x63	6	8	282.80
MP1A6RYB160L	160x110	6	6	662.20



Reducing Y

MP1A6RBA040L	40x32	6	450	6.60
MP1A6RBB050L	50x32	6	275	12.50
MP1A6RBA050L	50x40	6	260	12.70
MP1A6RBB063L	63x40	6	170	20.00
MP1A6RBA063L	63x50	6	135	23.50
MP1A6RBC075L	75x40	6	80	41.10
MP1A6RBB075L	75x50	6	90	38.90
MP1A6RBA075L	75x63	6	96	30.30
MP1A6RBC090L	90x50	6	60	45.50
MP1A6RBB090L	90x63	6	60	55.80
MP1A6RBA090L	90x75	6	54	40.40
MP1A6RBC110L	110x63	6	32	70.70
MP1A6RBB110L	110x75	6	32	72.10
MP1A6RBA110L	110x90	6	32	77.90
MP1A6RBC140L	140x75	6	16	199.20
MP1A6RBB140L	140x90	6	16	184.60
MP1A6RBA140L	140x110	6	24	135.30
MP1A6RBC160L	160x90	6	10	256.40
MP1A6RBB160L	160x110	6	16	179.30
MP1A6RBB200L	200x160	6	6	603.60
MP1A6RBC250L	250x160	6	3	1054.70
MP1A6RBA250L	250x200	6	3	996.10
MP1ATRBA025L	25x20	10	1200	2.90
MP1ATRB032L	32x20	10	900	4.70
MP1ATRBA032L	32x25	10	600	4.70
MP1ATRB063L	63x25	10	125	28.10
MP1ATRBA160L	160x140	10	15	235.00
MP1ASRBB032D	32x20	16	900	5.60
MP1ASRBA032D	32x25	16	900	6.60
MP1ASRBB040D	40x25	16	400	8.90
MP1ASRBA040D	40x32	16	750	6.80
MP1ASRBC050D	50x25	16	250	17.60
MP1ASRBA050D	50x40	16	400	12.50
MP1ASRBC063D	63x32	16	160	23.90
MP1ASRBA063D	63x50	16	210	23.90
MP1ASRBB075D	75x50	16	90	38.00
MP1ASRBA075D	75x63	16	150	31.40
MP1ASRBA090D	90x75	16	80	45.50
MP1ASRBA110D	110x90	16	48	82.10



Reducing Bush

MP1A4RDC140L	140x75	4	40	101.30
MP1A4RDB140L	140x90	4	32	101.20
MP1A4RDA140L	140x110	4	32	136.50
MP1A4RDC160L	160x90	4	24	132.50
MP1A4RDB160L	160x110	4	24	175.60
MP1A4RDA160L	160x140	4	20	193.90
MP1A4RDD200L	200x110	4	12	308.00
MP1A4RDB200L	200x160	4	10	369.70
MP1A6RDB040L	40x25	6	250	10.20
MP1A6RDA040L	40x32	6	190	12.50
MP1A6RDC050L	50x25	6	150	16.80
MP1A6RDB050L	50x32	6	140	14.00



Reducer

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC
MP1A6RDA050L	50x40	6	120	18.10
MP1A6RDD063L	63x25	6	108	21.60
MP1A6RDC063L	63x32	6	108	21.80
MP1A6RDB063L	63x40	6	108	22.10
MP1A6RDA063L	63x50	6	108	26.20
MP1A6RDC075L	75x40	6	72	31.80
MP1A6RDB075L	75x50	6	81	30.80
MP1A6RDA075L	75x63	6	72	40.70
MP1A6RDC090L	90x50	6	42	45.30
MP1A6RDB090L	90x63	6	42	52.50
MP1A6RDA090L	90x75	6	42	52.00
MP1A6RDD110L	110x50	6	24	74.90
MP1A6RDC110L	110x63	6	24	74.30
MP1A6RDB110L	110x75	6	24	75.10
MP1A6RDA110L	110x90	6	24	85.60
MP1A6RDA140L	140x110	6	32	153.80
MP1A6RDD160L	160x75	6	16	234.40
MP1A6RDB160L	160x110	6	20	199.20
MP1A6RDC180L	180x110	6	6	337.00
MP1A6RDD200L	200x110	6	12	377.30
MP1A6RDB200L	200x160	6	10	410.20
MP1A6RDA200L	200x180	6	4	659.20
MP1A6RDA250L	250x160	6	2	750.00
MP1A6RDC250L	250x160	6	2	750.00
MP1A6RDA250L	250x200	6	1	1062.10
MP1ATRDA025L	25x20	10	600	4.80
MP1ATRDB032L	32x20	10	400	6.60
MP1ATRDA032L	32x25	10	400	7.50
MP1ASRDA032D	32x25	16	250	13.20
MP1ASRDA040D	40x32	16	160	20.30
MP1ASRDA050D	50x40	16	90	31.70
MP1ASREA063D	63x50	16	90	47.50
MP1ASREA075D	75x63	16	56	76.50
MP1ASRDA090D	90x75	16	30	121.90
MP1ASRDA110D	110x90	16	15	202.50



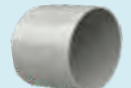
Reducer



End Cap (Plain)

MP1A4ECP063L	63	4	100	21.60
MP1A4ECP075L	75	4	60	27.60
MP1A4ECP090L	90	4	40	40.80
MP1A4ECP110L	110	4	22	55.70
MP1A4ECP140L	140	4	14	94.40
MP1A4ECP160L	160	4	28	158.00
MP1A4ECP180L	180	4	8	215.60
MP1A6ECP040L	40	6	310	9.30
MP1A6ECP050L	50	6	200	13.40
MP1A6ECP063L	63	6	100	23.00
MP1A6ECP075L	75	6	60	33.20
MP1A6ECP090L	90	6	40	49.10
MP1A6ECP110L	110	6	22	69.80
MP1A6ECP160L	160	6	28	189.80
MP1A6ECP180L	180	6	20	228.30
MP1A6ECP200L	200	6	14	336.80
MP1A6ECP250L	250	6	3	893.60
MP1A6ECP315L	315	6	1	1977.60
MP1ATECP020L	20	10	1200	3.30
MP1ATECP025L	25	10	900	4.10
MP1ATECP032L	32	10	500	6.00

MP1A4ECP111L	110	4	28	50.50
MP1A4ECW225L	225	4	8	408.00



End Cap (Without collar)

MP1GS8TC32X3E	32 mm x 1" (mm x IPS)		75	22.80
MC1AS1TC32X3I	32 mm x 1" (mm x CTS)		80	84.70



Transition Coupler




NP1ATUNI025L	25	10	75	29.90
NP1ATUNI032L	32	10	50	34.40
NP1ATUNI040L	40	10	35	46.80
NP1ATUNI050L	50	10	15	74.20
NP1ATUNI063L	63	10	10	164.10
NP1ATUNI075L	75	10	6	321.00
NP1ATUNI090L	90	10	3	447.00
NP1ATUNI110L	110	10	2	562.00



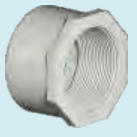
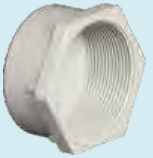






Union

1) Fittings are offered in Light Grey (LG) and Dark Grey (DG) colours. All the fittings shown in dark grey colour are in PN 16 pressure class. 2) Prefix "PN" indicates Nominal pressure, i.e., working pressure. 3) 1, 2 and 3 kgf/cm<sup>2</sup> pressure class economical fittings are also available under the brand name of "Smart", "Sufala L.W." and "Sufala" respectively. F - Fabricated.
















Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC		Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC		
MP1A6TLP063L	63	6	100	21.80	 <b>Tail Piece</b>	MP1ATFTT020L	20x15 (1/2")	10	400	7.50	 <b>Equal Tee</b> (One Side Threaded)	
MP1A6TLP075L	75	6	60	30.40		MP1ATFTT025L	25x15 (1/2")	10	250	12.20		
MP1A6TLP090L	90	6	40	42.30		MP1ATFTT026L	25x20 (3/4")	10	200	15.00		
MP1A6TLP110L	110	6	20	73.10		MP1ATFTTB32L	32x15 (1/2")	10	150	15.50		
MP1A6TLP140L	140	6	32	116.10		MP1ATFTTA32L	32x20 (3/4")	10	150	16.40		
MP1A6TLP160L	160	6	20	181.20		FPP16TEE75DG	75x65 (2 1/2")	16	30	226.50		
MP1A6TLP200L	200	6	12	309.20		FPP16TEE90DG	90x80 (3")	16	20	323.30		
MP1ASTLP063D	63	16	80	31.80		FPP16TE110DG	110x100 (4")	16	12	552.80		
MP1ASTLP075D	75	16	54	68.90								
MP1ASTLP090D	90	16	40	73.20		MP1A6MTA040L	40 (1 1/4")	6	200	12.80		 <b>Male Threaded Adapter</b> (M.T.A)
MP1ASTLP110D	110	16	20	128.90		MP1A6MTA050L	50 (1 1/2")	6	190	17.50		
MP1ASTLP160D	160	16	6	354.50		MP1A6MTA063L	63 (2")	6	108	28.20		
MP1ASTLP200D	200	16	2	622.60		MP1A6MTA075L	75 (2 1/2")	6	64	40.40		
					MP1A6MTA090L	90 (3")	6	35	69.20			
MP1A6FLG063L	63	6	100	39.70	MP1A6MTA110L	110 (4")	6	14	94.40			
MP1A6FLG075L	75	6	75	46.10	MP1A6MTA140L	140 (5")	6	30	146.60			
MP1A6FLG090L	90	6	60	51.40	MP1A6MTA160L	160 (6")	6	15	266.60			
MP1A6FLG110L	110	6	42	82.50	MP1ATMTA020L	20 (1/2")	10	900	4.10			
					MP1ATMTA025L	25 (3/4")	10	500	6.40			
MP1A6FLA075L	75	6	14	199.20	MP1ATMTA032L	32 (1")	10	300	8.30			
MP1A6FLA090L	90	6	12	221.60	MP1ATMTA063L	63 (2")	10	90	31.70			
MP1ATFLA063L	63	10	30	124.60	MP1ATMTA075L	75 (2 1/2")	10	56	49.80			
MP1ATFLA110L	110	10	8	398.30	MP1ATMTA090L	90 (3")	10	32	79.70			
MP1ATFLA160L	160	10	4	574.20	MP1ATMTA110L	110 (4")	10	14	107.30			
					MP1ASMTA020D	20 (1/2")	16	300	5.60			
NP1ATFVS200L	200	10		1256.30	MP1ASMTA025D	25 (3/4")	16	600	6.80			
					MP1ASMTA032D	32 (1")	16	325	13.10			
					MP1ASMTA040D	40 (1 1/4")	16	175	20.10			
					MP1ASMTA050D	50 (1 1/2")	16	110	25.60			
					MP1ASMTA063D	63 (2")	16	90	47.50			
					MP1ASMTA075D	75 (2 1/2")	16	88	61.50			
					MP1ASMTA090D	90 (3")	16	36	101.30			
					MP1ASMTA110D	110 (4")	16	22	153.60			
MP1ATBFL063L	63	10	12	272.50								
MP1ATBFL075L	75	10	10	337.00								
MP1ATBFL090L	90	10	9	468.80								
MP1ATBFL110L	110	10	3	556.70								
MP1A6FTE063L	63x50 (2")	6	35	61.00								
MP1A6FTE076L	75x50 (2")	6	25	81.80								
MP1A6FTE075L	75x65 (2 1/2")	6	20	95.90								
MP1A6FTE090L	90x80 (3")	6	40	134.30								
MP1A6FTE110L	110x100 (4")	6	10	285.80								
MP1ATFTE020L	20x15 (1/2")	10	500	8.60								
MP1ATFTEB25L	25x15 (1/2")	10	300	11.10								
MP1ATFTEA25L	25x20 (3/4")	10	300	11.60								
MP1ATFTEB32L	32x15 (1/2")	10	250	13.10								
MP1ATFTEA32L	32x20 (3/4")	10	200	14.10								
MP1ASFTE050D	50x40 (1 1/2")	16	80	61.10								
MP1ASFTE063D	63x50 (2")	16	45	85.60								
FPP16ELB75DG	75x65 (2 1/2")	16	25	189.20								
FPP16ELB90DG	90x80 (3")	16	30	254.50								
FPP16EL110DG	110x100 (4")	16	15	447.00								
MP1A6BSE063L	63 (2")	6	40	57.00								
MP1ATBSE075L	75 (2 1/2")	10	30	111.49								
MP1ATBSE090L	90 (3")	10	20	190.40								
MP1A6FTT063L	63x50 (2")	6	24	82.10								
MP1A6FTT075L	75x65 (2 1/2")	6	50	102.00								
MP1A6FTT090L	90x80 (3")	6	30	149.20								
MP1A6FTT112L	110x50 (2")	6	9	234.40								
MP1A6FTT111L	110x65 (2 1/2")	6	22	263.70								
MP1A6FTT110L	110x80 (3")	6	18	315.00								
MP1A6FTT113L	110x100 (4")	6	7	334.10								
MP1A6RMA075L	75x50 (2")	6	64	37.80								
MP1A6RMB090L	90x50 (2")	6	42	48.80								
MP1A6RMD090L	90x65 (2 1/2")	6	42	53.10								
MP1ATRMA025L	25x15 (1/2")	10	600	6.40								

1) Fittings are offered in Light Grey (LG) and Dark Grey (DG) colours. All the fittings shown in dark grey colour are in PN 16 pressure class. 2) Prefix "PN" indicates Nominal pressure, i.e., working pressure. 3) 1, 2 and 3 kgf/cm<sup>2</sup> pressure class economical fittings are also available under the brand name of "Smart", "Sufala L.W." and "Sufala" respectively. F - Fabricated.

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC		Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC	
MP1A6RFA040L	40x25 (1")	6	200	16.20	 <b>Reducing Female Threaded Adapter (R.F.T.A)</b>	NP1A6SSB090L	90x20 (3/4")	6	25	138.30	 <b>Service Saddle</b>
MP1A6RFB050L	50x25 (1")	6	140	18.80		NP1A6SSC090L	90x25 (1")	6	25	138.30	
MP1A6RFA050L	50x32 (1 1/4")	6	170	22.10		NP1A6SSA110L	110x15 (1/2")	6	25	166.40	
MP1A6RFB063L	63x32 (1 1/4")	6	108	31.70		NP1A6SSB110L	110x20 (3/4")	6	25	166.40	
MP1A6RFA063L	63x40 (1 1/2")	6	108	32.60		NP1A6SSC110L	110x25 (1")	6	25	166.40	
MP1A6RFB075L	75x40 (1 1/2")	6	64	42.20		NP1A6SSA140L	140x15 (1/2")	6	18	181.70	
MP1A6RFA075L	75x50 (2")	6	63	53.90		NP1A6SSB140L	140x20 (3/4")	6	18	181.70	
MP1A6RFB090L	90x50 (2")	6	36	76.00		NP1A6SSC140L	140x25 (1")	6	18	181.70	
MP1A6RFA090L	90x65 (2 1/2")	6	35	84.40		NP1A6SSA160L	160x15 (1/2")	6	18	214.50	
MP1A6RFC110L	110x50 (2")	6	18	120.10		NP1A6SSB160L	160x20 (3/4")	6	18	214.50	
MP1A6RFA110L	110x80 (3")	6	18	123.20		NP1A6SSC160L	160x25 (1")	6	18	214.50	
MP1ATRFB025L	25x15 (1/2")	10	600	6.80		NP1A6SSE160L	160x40 (1 1/2")	6	18	214.50	
MP1ATRFB032L	32x15 (1/2")	10	300	10.90		NP1A6SSD180L	180x32 (1 1/4")	6	12	337.50	
MP1ATRFB032L	32x20 (3/4")	10	300	10.40		NP1A6SSE180L	180x40 (1 1/2")	6	12	337.50	
MP1ATRFA075L	75x50 (2")	10	64	65.60		NP1A6SSF180L	180x50 (2")	6	12	337.50	
	*110x80 (3")	10		-	NP1A6SSC200L	200x25 (1")	6	10	375.00		
MP1ASRFB025D	25x15 (1/2")	16	400	8.00	NP1A6SSD200L	200x32 (1 1/4")	6	10	375.00		
MP1ASRFB032D	32x15 (1/2")	16	250	13.20	NP1A6SSE200L	200x40 (1 1/2")	6	10	375.00		
					NP1A6SSF200L	200x50 (2")	6	10	375.00		
MP1A6TBU075L	75x50 (2")	6	80	47.90	NP1ATSSA063L	63x15 (1/2")	10	12	112.50	 <b>Threaded Reducing Bush</b>	
MP1A6TBU090L	90x65 (2 1/2")	6	54	61.90	NP1ATSSB063L	63x20 (3/4")	10	12	112.50		
					NP1ATSSC063L	63x25 (1")	10	12	112.50		
					NP1ATSSA075L	75x15 (1/2")	10	12	126.60		
					NP1ATSSB075L	75x20 (3/4")	10	12	126.60		
					NP1ATSSC075L	75x25 (1")	10	12	126.60		
					NP1ATSSA090L	90x15 (1/2")	10	16	240.30		
					NP1ATSSB090L	90x20 (3/4")	10	16	240.30		
					NP1ATSSC090L	90x25 (1")	10	16	240.30		
					NP1ATSSA110L	110x15 (1/2")	10	10	-		
MP1A6ECT040L	40 (1 1/4")	6	275	12.80	NP1ATSSB110L	110x20 (3/4")	10	10	-	 <b>End Cap (Threaded)</b>	
MP1A6ECT050L	50 (1 1/2")	6	200	18.20	NP1ATSSC110L	110x25 (1")	10	10	-		
MP1A6ECT063L	63 (2")	6	140	21.10	MP2ATFTT025L	25x15 (1/2")	10	75	58.60		
MP1A6ECT075L	75 (2 1/2")	6	75	36.70	MP2ATFTTA25L	25x20 (3/4")	10	70	82.50		
MP1A6ECT090L	90 (3")	6	50	49.10	MP2ATFTT032L	32x15 (1/2")	10	60	64.50		
MP1A6ECT110L	110 (4")	6	24	-	MP2ATFTTA32L	32x20 (3/4")	10	40	100.80		
MP1A6ECT111L	110 (4") (New)	6	36	58.60	MP2ASFTT025D	25x15 (1/2")	16	64	63.80		
MP1A6ECT140L	140 (5")	6	20	134.90							
MP1ATECT020L	20 (1/2")	10	1200	3.80	MP2ATFTE025L	25x15 (1/2")	10	140	55.70		 <b>Female Threaded Tee</b>
MP1ATECT025L	25 (3/4")	10	900	6.60	MP2ATFTEA25L	25x20 (3/4")	10	100	71.30		
MP1ATECT032L	32 (1")	10	500	8.00	MP2ATFTE032L	32x15 (1/2")	10	100	58.60		
	*20 (1/2")	10		-	MP2ATFTEA32L	32x20 (3/4")	10	80	86.30		
	*25 (3/4")	10		-	MP2ASFTE020D	20x15 (1/2")	16	120	48.80		
NP1ATUNT032L	32 (1")	10	30	57.50	MP2ASFTE025D	25x15 (1/2")	16	100	59.30	 <b>Female Threaded Elbow</b>	
NP2ATYST025L	25	10	10	556.70						 <b>Y Strainer</b>	
					MP2ATFTA032L	32x15 (1/2")	10	150	44.00		
					MP2ATFTA32L	32x20 (3/4")	10	100	61.40		
NP3A6ISF025K	25	6	6	234.40						 <b>In-Line Screen Filter</b>	
					MP2ASFTA020D	20x15 (1/2")	16	180	35.60		
					MP2ASFTA025D	25x15 (1/2")	16	130	56.30		
					MP2ATMTA025L	25x15 (1/2")	10	160	88.00		
NP1A6SSA040L	40x15 (1/2")	6	25	53.90	MP2ASMTA020D	20x15 (1/2")	16	120	91.90	 <b>Male Threaded Joint</b>	
NP1A6SSA050L	50x15 (1/2")	6	25	69.20	MP2ASRMT025D	25x15 (1/2")	16	60	96.10		
NP1A6SSB050L	50x20 (3/4")	6	25	69.20	MP2ASMTA025D	25x20 (3/4")	16	90	140.60		
NP1A6SSC050L	50x25 (1")	6	25	69.20							
NP1A6SSA063L	63x15 (1/2")	6	25	84.40	NP1A6BLV040L	40	6	32	185.40		
NP1A6SSB063L	63x20 (3/4")	6	25	84.40	NP1A6BLV050L	50	6	18	239.10		
NP1A6SSC063L	63x25 (1")	6	25	84.40	NP1A6BLV063L	63	6	12	376.65		
NP1A6SSA075L	75x15 (1/2")	6	25	128.90	NP1ATBLV025L	25	10	30	77.75		
NP1A6SSB075L	75x20 (3/4")	6	25	128.90	NP1ATBLV032L	32	10	44	107.60		
NP1A6SSC075L	75x25 (1")	6	25	128.90	NP1A8BLV020L	20	12.5	45	52.60		
NP1A6SSA090L	90x15 (1/2")	6	25	138.30	NP1A6BLV075L	75	6	5	621.60	 <b>Ball Valve</b>	

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Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC		Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC		
NP1ATBLV075L	75	10	3	1397.15	 <b>Ball Valve</b>	FPP4BN9025LG	25	10	150	11.70	 <b>Bend 90° (F)</b>	
NP1ATBLV090L	90	10	2	1905.20		FPP4BN9032LG	32	10	75	20.00		
NP1ATBLV110L	110	10	1	3937.20		FPP4BN9063LG	63	10	30	142.50		
NP1ASBLV025D	25	16	16	205.10		FPP4BN9075LG	75	10	20	227.20		
NP1ASBLV032D	32	16	28	295.90		FPP4BN9090LG	90	10	10	394.80		
NP1ASBLV040D	40	16	16	395.60								
NP1ASBLV050D	50	16	9	627.00								
NP1ASBLV063D	63	16	6	727.30								
NP1ATBVUN25L	25	10		154.50	 <b>Plain Ball Valve (Union Type)</b>	FPP2ERC076LG	75	4	20	192.80	 <b>Repair Coupler Short (with elastomeric rubber seal) (F)</b>	
						FPP2ERC091LG	90	4	15	256.70		
						FPP2ERC111LG	110	4	10	392.30		
					FPP2ERC141LG	140	4	5	670.70			
					FPP2ERC161LG	160	4	4	884.60			
					FPP3ERC064LG	63	6	30	172.40			
					FPP3ERC076LG	75	6	20	241.50			
					FPP3ERC091LG	90	6	12	335.30			
					FPP3ERC112LG	110	6	10	523.10			
					FPP3ERC142LG	140	6	5	907.50			
NP1ASTBV025D	25	16	16	329.60	 <b>Threaded Ball Valve (Union Type)</b>	FPP3ERC162LG	160	6	4	1169.00		
NP1ATUTC032L	32	10	70	72.50	 <b>Tank Connector with Union (MTxSoc)</b>	FPP2ERC075LG	75	4	20	219.30	 <b>Repair Coupler Long (with elastomeric rubber seal) (F)</b>	
NP1ATUTC040L	40	10	30	125.20		FPP2ERC090LG	90	4	15	281.60		
NP1ATUTC050L	50	10	20	202.90		FPP2ERC110LG	110	4	7	455.30		
NP1ATBFV075D	75	10	2	1647.20	FPP2ERC140LG	140	4	5	706.10			
NP1ATBFV090D	90	10	2	1795.40	FPP2ERC160LG	160	4	4	927.60			
NP1ATBFV110D	110	10	2	2156.30	FPP2ERC180LG	180	4	3	1469.00			
NP1ATBFV160D	160	10	1	4007.90	FPP2ERC200LG	200	4	1	1710.40			
					FPP2ERC225LG	225	4	1	2174.90			
					FPP2ERC250LG	250	4	1	2845.40			
					FPP2ERC280LG	280	4	1	3611.60			
					FPP2ERC315LG	315	4	1	4491.20			
NP1ATNRV075L	75	10	2	1640.60	 <b>Butterfly Valve</b>	FPP3ERC063LG	63	6	25	199.20		
NP1ATNRV090L	90	10	1	2666.10		FPP3ERC075LG	75	6	20	277.00		
NP1ATNRV110L	110	10	1	5097.70		FPP3ERC090LG	90	6	15	369.20		
NP1ASNRV063D	63	16	6	974.20		FPP3ERC110LG	110	6	7	606.00		
						FPP3ERC140LG	140	6	5	972.10		
						FPP3ERC160LG	160	6	4	1245.80		
						FPP3ERC180LG	180	6	3	1630.40		
						FPP3ERC200LG	200	6	1	2345.60		
NP1ATTNR075L	75 (2½")	10	2	1640.60	 <b>Non Return Valve (NRV)</b>	FPP3ERC225LG	225	6	1	2937.80		
NP1ATTNR090L	90 (3")	10	1	2666.10		FPP3ERC250LG	250	6	1	4014.40		
NP1ATTNR110L	110 (4")	10	1	5097.70		FPP3ERC280LG	280	6	1	4891.20		
NP1ASTNR063D	63 (2")	16	6	974.20		FPP3ERC315LG	315	6	1	6383.10		
						FPP4ERC063LG	63	10	25	277.00		
						FPP4ERC075LG	75	10	20	396.80		
						FPP4ERC090LG	90	10	15	526.10		
						FPP4ERC110LG	110	10	7	904.50		
NP7ATARV020B	¾"	10	24	315.00	 <b>Non Return Valve (Female Threaded)</b>	FPP4ERC125LG	125	10	1	1359.40		
NP7ATARV025B	1"	10	18	380.90		FPP4ERC141LG	140	10	4	1461.20		
NP7ATARV032B	1¼"	10	12	446.90		FPP4ERC160LG	160	10	3	1876.50		
NP7ATARV040B	1½"	10	8	586.00		FPP4ERC180LG	180	10	3	2461.00		
NP1ASARV063D	2"	16	3	981.50		FPP4ERC200LG	200	10	1	3629.90		
						FPP4ERC225LG	225	10	2	4383.60		
FPP3SB9040LG	40	6	200	26.30	 <b>Air Release Valve</b>	FPP4ERC250LG	250	10	1	6037.10		
FPP3SB9050LG	50	6	120	44.00		FPP4ERC280LG	280	10	1	7459.70		
FPP3SB9063LG	63	6	65	80.60		FPP4ERC315LG	315	10	1	11933.30		
FPP3SB9075LG	75	6	L	-								
FPP3SB9090LG	90	6	L	-								
FPP4SB9025LG	25	10	L	11.20								
FPP4SB9032LG	32	10	120	23.50	 <b>Short Bend (1D) (F)</b>	FPP4RCP063LG	63	10		177.70		
						FPP4RCP075LG	75	10		223.40		
FPP2BN9063LG	63	4	40	62.30	 <b>Bend 90° (F)</b>	FPP4RCP090LG	90	10		341.60		
FPP2BN9075LG	75	4	25	96.50		FPP4RCP112LG	110	10		282.80		
FPP2BN9090LG	90	4	15	157.50		FPP4RCP140LG	140	10		770.10		
FPP3BN9040LG	40	6	150	24.00		FPP4RCP160LG	160	10		794.50		
FPP3BN9050LG	50	6	75	43.00		FPP4RCP180LG	180	10		1052.70		
FPP3BN9063LG	63	6	40	84.40		FPP4RCP200LG	200	10		1463.70		
FPP3BN9075LG	75	6	25	133.00		FPP4RCP225LG	225	10		2048.90		
FPP3BN9090LG	90	6	15	226.50		FPP4RCP250LG	250	10		2668.10		
						FPP4RCP280LG	280	10		3574.40		

1) Fittings are offered in Light Grey (LG) and Dark Grey (DG) colours. All the fittings shown in dark grey colour are in PN 16 pressure class. 2) Prefix "PN" indicates Nominal pressure, i.e., working pressure. 3) 1, 2 and 3 kgf/cm<sup>2</sup> pressure class economical fittings are also available under the brand name of "Smart", "Sufala L.W." and "Sufala" respectively. F - Fabricated.

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC
FPP3LCP063LG	63	6	75	<b>71.30</b>
FPP3LCP075LG	75	6	60	<b>76.40</b>
FPP3LCP090LG	90	6	50	<b>122.50</b>
FPP3LCP110LG	110	6	25	<b>157.40</b>
FPP3LCP140LG	140	6	12	<b>204.70</b>
FPP3LCP160LG	160	6	10	<b>252.30</b>
FPP3LCP180LG	180	6	8	<b>324.70</b>
FPP3LCP200LG	200	6	4	<b>404.20</b>



**Leakage Coupler (F)  
(6" Long)**

All the leakage couplers are available in 6", 9" and 12" standard length.

4101139	10ml (Tube)		48	<b>14.00</b>
4101138	20ml (Tube)		48	<b>22.00</b>
4129453	25ml		160	<b>18.00</b>
4100394	50ml		100	<b>27.00</b>
4100396	100ml		50	<b>47.00</b>
4100395	50ml		48	<b>46.00</b>
4100397	100ml		24	<b>73.00</b>
4129454	200ml		24	<b>90.00</b>
4100398	250ml		24	<b>130.00</b>
4100399	500ml		24	<b>230.00</b>
4100400	1000ml		6	<b>421.00</b>
4100401	5000ml		4	<b>1845.00</b>

Note: Recommended for smaller sizes and lower pressure class upto 75mm size - any pressure class upto 110mm size in 4 and 6 kgf/cm<sup>2</sup>, upto 200mm size - 2.5 kgf/cm<sup>2</sup>

4104808	100ml		24	<b>90.00</b>
4104809	250ml		24	<b>174.00</b>
4104810	500ml		24	<b>311.00</b>
4104811	1000ml		6	<b>576.00</b>
4104812	5000ml		4	<b>2610.00</b>

Note: Recommended for larger sizes and higher pressure class- 90mm and 110mm in 10 and 12.5 kgf/cm<sup>2</sup> 140mm and above sizes in 4, 6, 10 and 12.5 kgf/cm<sup>2</sup>



**Solvent Cement  
Standard Bodied  
(Second Sale)**



**Solvent Cement  
Medium Bodied  
(Second Sale)**

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	Box qty.	EX.FAC
4100704	100ml		24	<b>95.00</b>
4100705	250ml		24	<b>185.00</b>
4100706	500ml		24	<b>338.00</b>
4100392	1000ml		6	<b>653.00</b>
4100393	5000ml		4	<b>2813.00</b>



**Solvent Cement  
Heavy Bodied  
(Second Sale)**

4100442	110-175x15			<b>1562.50</b>
4100443	110-175x20			<b>1607.50</b>
4100448	110-175x40			<b>1975.00</b>
4100449	200-300x40			—
4100446	200-300x50			<b>2312.50</b>
4100447	200-400x50			<b>2887.50</b>



**Strap Saddle  
(Second Sale)**

### Handmade Fittings

Besides a vast range of moulded fittings, an exhaustive range of handmade fittings are made available to offer complete system. This range of products includes couplers, bends, short bends, tee's, reducing tee's, cross tee's, tail pieces, reducers, single or reducing Y's, end caps, leakage couplers etc. in 20 to 450mm sizes in different pressure classes.

Handmade division of the Company is equipped to make any tailor-made product as per customer / project requirements. This implies a complete system solution made of the same material eliminating the dependence of the customer on any other conventional product.



1) Fittings are offered in Light Grey (LG) and Dark Grey (DG) colours. All the fittings shown in dark grey colour are in PN 16 pressure class. 2) Prefix "PN" indicates Nominal pressure, i.e., working pressure. 3) 1, 2 and 3 kgf/cm<sup>2</sup> pressure class economical fittings are also available under the brand name of "Smart", "Sufala L.W." and "Sufala" respectively. F - Fabricated.

## THE SYSTEM

Supreme is known for its exhaustive range of products for agriculture, Irrigation, and water distribution. Now, we take pride in introducing an innovative and the most advanced PVC-O piping system with a wide spectrum of pipes and required fittings. Whether it's the seamless conveyance of high-pressure fluids, potable water, facilitating irrigation and sewer pumping mains, or managing industrial effluents involving high pressure, Supreme's PVC-O piping system stands as the most cost-effective and reliable solution. Engineered with exceptional features, the Supreme PVC-O pressure piping system ensures trouble-free service life. This commitment to durability positions it to emerge as the preferred choice for water supply and irrigation bodies, government institutions, and various industries as it is the superior substitute to DI piping.

Supreme PVC-O pipes:

Supreme PVC-O pipes are manufactured by realigning the PVC molecules through a process of bi-axial orientation. This process greatly enhances the material properties by two times of its strength and the impact resistance is achieved about ten times as compared to traditional PVC-U material. These pipes have highest degree of orientation (i.e. Class 500) that enhances greater reliability, maximum material savings and the best mechanical properties.

The PVC is a polymer which represents an amorphous molecular structure, where chains are arranged at random directions. However, when stretching the material under certain conditions of pressure, temperature and speed, the polymer molecules are aligned in the same direction as the stretching resulting in a laminar structure. This laminar

structure significantly improves the mechanical properties of the PVC material. This prevents the propagation of cracks due to stretches; and minimises the risk of rapid crack behaviour during operation.

## FEATURES AND BENEFITS

- Higher impact resistance
- Excellent short term and long term hydrostatic resistance
- Increased hydraulic capacity
- Maximum flexibility
- Odorless and hygienic
- High corrosion and chemical resistance
- Easy and fast installation
- Economical
- Maintenance free



Dimensions of PVC-O Pipes as per IS:16647-2017

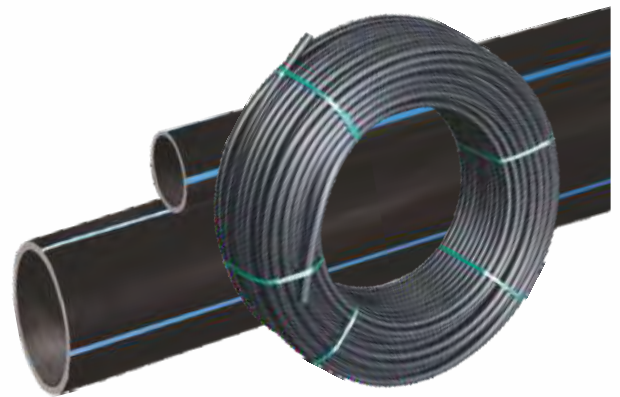
Nominal diameter (DN)	Outside diameter (OD)		PN 12.5	PN 16	PN 20	PN 25
			Wall thickness			
110	110.0	110.4	2.0	2.6	3.2	4.0
160	160.0	160.5	2.9	3.7	4.6	5.8
180	180.0	180.6	3.3	4.2	5.2	6.5
200	200.0	200.6	3.6	4.6	5.7	7.2
250	250.0	250.8	4.5	5.8	7.2	9.0
315	315.0	316.0	5.7	7.2	9.0	11.4
355	355.0	356.1	6.4	8.2	10.1	12.8
400	400.0	401.2	7.2	9.2	11.4	14.4

(all dimensions are in mm)

## THE SYSTEM

Supreme polyethylene pipes are safe, long lasting and cost effective solution for variety of applications like potable water supply, irrigation and bore well application. Supreme HDPE pipes are manufactured from virgin raw material with the help of state of the art manufacturing facilities. Stringent tests on raw material and finished goods helps to ensure the quality as per national and international standards.

The pipes and fittings are available in complete range from 20 to 800mm sizes. The pipes are available in PN 2.5 to PN 16 pressure class in PE 63, 80 and 100 grades. Supreme PE pipes are manufactured according to IS:4984 and ISO:4427 and are tested by WRc-NSF, UK, that endorse its suitability for potable water.



## FEATURES AND BENEFITS

- High reliability and proven service performance
- Excellent chemical and corrosion resistance
- Excellent flow characteristics
- High impact resistance
- Long service life
- Excellent UV, low temperature and abrasion resistance
- Excellent water hammer resistance
- Excellent weldability
- Wide variety of installation methods
- Easy, quick and economical installation
- Ideal in shifting soil condition and earthquake prone areas

## Fields of Application

Polyethylene is an exciting material used for manufacturing of pipes for varied applications as enlisted in the table given below.

APPLICATION	GRADE
Potable water mains, house connections	PE 63, 80 and 100
Rural and agricultural pipes	PE 63 and 80
Column pipes for submersible pumps in coil form	PE 63 and 80
Sprinkler and drip irrigation	PE 63 and above grade
Sewerage/Subsoil drainage	PE 80 and 100
Coal handling in mines	PE 80 and 100
Industrial applications	PE 63, 80 and 100
ID Pipes for submersible pump	PE 63 and 80

## Standard dimension ratio (SDR) and corresponding wall thicknesses of pipes as per IS 4984:2016

SDR	SDR 41		SDR 33		SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11		SDR 9		SDR 7.4		SDR 6		
	Nominal Pressure (PN) Bar																				
PE 63	PN 2		PN 2.5		PN 3.2		PN 4		PN 5		PN 6		PN 8		-		-		-		
PE 80	PN 2.5		PN 3.2		PN 4		PN 5		PN 6		PN 8		PN 10		PN 12.5		PN 16		PN 20		
PE 100	PN 3.2		PN 4		PN 5		PN 6		PN 8		PN 10		PN 12.5		PN 16		PN 20		-		
Nominal OD	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	2.3	2.2	2.6	2.7	3.1	
20	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	2.3	2.3	2.7	2.8	3.2	3.4	3.9
25	-	-	-	-	-	-	-	-	-	-	2.0	2.3	2.3	2.7	2.8	3.2	3.4	3.9	4.2	4.8	
32	-	-	-	-	-	-	-	-	-	2.0	2.3	2.4	2.8	3.0	3.4	3.6	4.1	4.4	5.0	5.4	6.1
40	-	-	-	-	-	-	2.0	2.3	2.4	2.8	3.0	3.4	3.7	4.2	4.5	5.1	5.5	6.2	6.7	7.5	
50	-	-	-	-	2.0	2.3	2.4	2.8	3.0	3.4	3.7	4.2	4.6	5.2	5.6	6.3	6.8	7.6	8.4	9.4	
63	-	-	-	-	2.5	2.9	3.0	3.4	3.8	4.3	4.7	5.3	5.8	6.5	7.0	7.8	8.6	9.6	10.5	11.7	
75	2.0	2.3	2.3	2.7	2.9	3.3	3.6	4.1	4.5	5.1	5.6	6.3	6.9	7.7	8.4	9.4	10.2	11.4	12.5	13.9	
90	2.2	2.6	2.8	3.2	3.5	4.0	4.3	4.9	5.3	6.0	6.7	7.5	8.2	9.2	10.0	11.1	12.2	13.6	15.0	16.6	
110	2.7	3.1	3.4	3.9	4.3	4.9	5.3	6.0	6.5	7.3	8.1	9.1	10.0	11.1	12.3	13.7	14.9	16.5	18.4	20.3	
125	3.1	3.6	3.8	4.3	4.9	5.5	6.0	6.7	7.4	8.3	9.2	10.3	11.4	12.7	13.9	15.4	16.9	18.7	20.9	23.1	
140	3.5	4.0	4.3	4.9	5.4	6.1	6.7	7.5	8.3	9.3	10.3	11.5	12.8	14.2	15.6	17.3	19.0	21.0	23.4	25.9	
160	4.0	4.5	4.9	5.5	6.2	7.0	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2	17.8	19.7	21.7	24.0	26.7	29.5	
180	4.4	5.0	5.5	6.2	7.0	7.8	8.6	9.6	10.6	11.8	13.3	14.8	16.4	18.2	20.0	22.1	24.4	27.0	30.0	33.1	
200	4.9	5.5	6.1	6.9	7.7	8.6	9.6	10.7	11.8	13.1	14.8	16.4	18.2	20.2	22.3	24.7	27.1	30.0	33.4	36.9	
225	5.5	6.2	6.9	7.7	8.7	9.7	10.8	12.0	13.3	14.8	16.6	18.4	20.5	22.7	25.0	27.6	30.5	33.7	37.5	41.4	
250	6.1	6.9	7.6	8.5	9.7	10.8	12.0	13.3	14.8	16.4	18.4	20.4	22.8	25.2	27.8	30.7	33.8	37.3	41.7	46.0	
280	6.9	7.7	8.5	9.5	10.8	12.0	13.4	14.9	16.5	18.3	20.6	22.8	25.5	28.2	31.2	34.5	37.9	41.8	46.7	51.5	
315	7.7	8.6	9.6	10.7	12.2	13.6	15.0	16.6	18.6	20.6	23.2	25.7	28.7	31.7	35.0	38.6	42.6	47.0	52.5	57.9	
355	8.7	9.7	10.8	12.0	13.7	15.2	17.0	18.8	20.9	23.1	26.2	29.0	32.3	35.7	39.5	43.6	48.0	52.9	59.2	65.3	
400	9.8	10.9	12.2	13.6	15.4	17.1	19.1	21.2	23.6	26.1	29.5	32.6	36.4	40.2	44.5	49.1	54.1	59.7	66.7	73.5	
450	11.0	12.2	13.7	15.2	17.4	19.3	21.5	23.8	26.5	29.3	33.1	36.6	41.0	45.2	50.0	55.1	60.9	67.1	75.0	82.6	
500	12.2	13.6	15.2	16.9	19.3	21.4	23.9	26.4	29.5	32.6	36.8	40.6	45.5	50.2	55.6	61.3	67.6	74.5	83.4	91.9	
560	13.7	15.2	17.0	18.8	21.6	23.9	26.7	29.5	33.0	36.4	41.2	45.5	51.0	56.2	62.3	68.7	75.7	83.4	93.4	102.9	
630	15.4	17.1	19.1	21.2	24.3	26.9	30.0	33.1	37.1	41.0	46.4	51.2	57.3	63.2	70.0	77.1	85.2	93.9	105.0	115.6	
710	17.4	19.3	21.6	23.9	27.3	30.3	33.9	37.4	41.8	46.1	52.3	57.7	64.6	71.2	78.9	86.9	96.0	105.7	118.4	130.4	
800	19.6	21.7	24.3	26.9	30.8	34.0	38.1	42.1	47.1	52.0	58.9	64.9	72.8	80.2	88.9	97.7	108.2	119.2	-	-	

\* Pressure ratings marked in red color are not covered under ISI mark

### Dimension and pressure rating chart for HDPE pipes (PE 80) as per ISO:4427

OD	PN 5 (SDR 26)		PN 6 (SDR 21)		PN 8 (SDR 17)		PN 10 (SDR 13.6)		PN 12.5 (SDR 11)		PN 16 (SDR 9)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	-	-	-	-	-	-	-	-	2.00	2.30	2.30	2.70
25	-	-	-	-	-	-	2.00	2.30	2.30	2.70	3.00	3.40
32	-	-	-	-	2.00	2.30	2.40	2.80	3.00	3.40	3.60	4.10
40	-	-	2.00	2.30	2.40	2.80	3.00	3.50	3.70	4.20	4.50	5.10
50	2.00	2.30	2.40	2.80	3.00	3.40	3.70	4.20	4.60	5.20	5.60	6.30
63	2.50	2.90	3.00	3.40	3.80	4.30	4.70	5.30	5.80	6.50	7.10	8.00
75	2.90	3.30	3.60	4.10	4.50	5.10	5.60	6.30	6.80	7.60	8.40	9.40
90	3.50	4.00	4.30	4.90	5.40	6.10	6.70	7.50	8.20	9.20	10.10	11.30
110	4.20	4.80	5.30	6.00	6.60	7.40	8.10	9.10	10.00	11.10	12.30	13.70
125	4.80	5.40	6.00	6.70	7.40	8.30	9.20	10.30	11.40	12.70	14.00	15.60
140	5.40	6.10	6.70	7.50	8.30	9.30	10.30	11.50	12.70	14.10	15.70	17.40
160	6.20	7.00	7.70	8.60	9.50	10.60	11.80	13.10	14.60	16.20	17.90	19.80
180	6.90	7.70	8.60	9.60	10.70	11.90	13.30	14.80	16.40	18.20	20.10	22.30
200	7.70	8.60	9.60	10.70	11.80	13.20	14.70	16.30	18.20	20.20	22.40	24.80
225	8.60	9.60	10.80	12.00	13.40	14.90	16.60	18.40	20.50	22.70	25.20	27.90
250	9.60	10.70	11.90	13.20	14.80	16.40	18.40	20.40	22.70	25.10	27.90	30.80
280	10.70	11.90	13.40	14.90	16.60	18.40	20.60	22.80	25.40	28.10	31.30	34.60
315	12.10	13.50	15.00	16.60	18.70	20.70	23.20	25.70	28.60	31.60	35.20	38.90
355	13.60	15.10	16.90	18.70	21.10	23.40	26.10	28.90	32.20	35.60	39.70	43.80
400	15.30	17.00	19.10	21.20	23.70	26.20	29.40	32.50	36.30	40.10	44.70	49.30
450	17.20	19.10	21.50	23.80	26.70	29.50	33.10	36.60	40.90	45.10	50.30	55.50
500	19.10	21.20	23.90	26.40	29.70	32.80	36.80	40.60	45.40	50.10	55.80	61.50
560	21.40	23.70	26.70	29.50	33.20	36.70	41.20	45.50	50.80	56.00	62.50	68.90
630	24.10	26.70	30.00	33.10	37.40	41.30	46.30	51.10	57.20	63.10	70.30	77.50
710	27.20	30.10	33.90	37.40	42.10	46.50	52.20	57.60	64.50	71.10	79.30	87.40
800	30.60	30.80	38.10	42.10	47.40	52.30	58.80	68.80	72.60	80.00	89.30	94.40

Note: Blue MDPE Pipes (PE80) for drinking water are also made available in SDR 21, SDR11 and SDR 9 in 20 to 32mm sizes.

### Dimensions and pressure rating chart for HDPE pipes (PE 100) as per ISO:4427

OD	PN 4 (SDR 41)		PN 6 (SDR 26)		PN 8 (SDR 21)		PN 10 (SDR 17)		PN 12.5 (SDR 13.6)		PN 16 (SDR 11)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	-	-	-	-	-	-	-	-	-	-	2.0	2.3
25	-	-	-	-	-	-	-	-	2.0	2.3	2.3	2.7
32	-	-	-	-	-	-	2.0	2.3	2.4	2.8	3.0	3.4
40	-	-	-	-	2.0	2.3	2.4	2.8	3.0	3.5	3.7	4.2
50	-	-	2.0	2.3	2.4	2.8	3.0	3.4	3.7	4.2	4.6	5.2
63	-	-	2.5	2.9	3.0	3.4	3.8	4.3	4.7	5.3	5.8	6.5
75	-	-	2.9	3.3	3.6	4.1	4.5	5.1	5.6	6.3	6.8	7.6
90	-	-	3.5	4.0	4.3	4.9	5.4	6.1	6.7	7.5	8.2	9.2
110	-	-	4.2	4.8	5.3	6.0	6.6	7.4	8.1	9.1	10.0	11.1
125	-	-	4.8	5.4	6.0	6.7	7.4	8.3	9.2	10.3	11.4	12.7
140	-	-	5.4	6.1	6.7	7.5	8.3	9.3	10.3	11.5	12.7	14.1
160	-	-	6.2	7.0	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2
180	-	-	6.9	7.7	8.6	9.6	10.7	11.9	13.3	14.3	16.4	18.2
200	-	-	7.7	8.6	9.6	10.7	11.9	13.2	14.7	16.3	18.2	20.2
225	-	-	8.6	9.6	10.8	12.0	13.4	14.9	16.6	18.4	20.5	22.7
250	-	-	9.6	10.7	11.9	13.2	14.8	16.4	18.4	20.4	22.7	25.1
280	-	-	10.7	11.9	13.4	14.9	16.6	18.4	20.6	22.8	25.4	28.1
315	7.7	8.6	12.1	13.5	15.0	16.6	18.7	20.7	23.2	25.7	28.6	31.6
355	8.7	9.7	13.6	15.1	16.9	18.7	21.1	23.4	26.1	28.9	32.2	35.6
400	9.8	10.9	15.3	17.0	19.1	21.2	23.7	26.2	29.4	32.5	36.3	40.1
450	11.0	12.2	17.2	19.1	21.5	23.8	26.7	29.5	33.1	36.6	40.9	45.1

### FITTINGS

We offer variety of PE fittings in 63 to 800 mm sizes in PN 6, 10, 12.5 and 16 pressure class to complete the system requirements. 63 to 800 mm sizes are made available in PE 100, whereas 63 to 400 mm sizes are available in PE 80. Stub Ends, Reducers and End Caps are made available in moulded form whereas rest of the fittings like Bends 11.25° / 22.5° / 30° / 45° / 60° / 75° / 90°, Equal Tees, Cross Tees, Single Y's, Double Y's are made available in handmade form.

## THE SYSTEM

Supreme offers HDPE coupled pipes, fittings and accessories, for sprinkler irrigation. This is used for spraying water through nozzles (sprinklers) to get maximum water use efficiency. This system consists of pipes and fittings along with different accessories which are designed and developed by experts in the field to provide the best quality.

Supreme sprinkler irrigation system is useful for all kinds of soils and all types of crops. It is suitable for land with undulating terrain.

### Product Range

Supreme sprinkler pipes and fittings are manufactured as per IS:17425. Pipes are made available from 50 to 110mm sizes in Class 1 (2.5 Kg/cm<sup>2</sup>), Class 2 (3.2 Kg/cm<sup>2</sup>), Class 3 (4 Kg/cm<sup>2</sup>) in Type 'B' and Type 'C', whereas the fittings are available from 50 to 110mm in Class 1 (2.5 Kg/cm<sup>2</sup>), Class 2 (3.2 Kg/cm<sup>2</sup>).



## PIPES

Dimensions and pressure rating chart for HDPE Sprinkler pipes as per IS:17425

Nominal size (mm)	Outside diameter (mm)		Wall thickness (mm)					
			Class 1		Class 2		Class 3	
			Min	Max	Min	Max	Min	Max
50	50.0	50.5	-	-	-	-	2.00	2.40
63	63.0	63.6	-	-	2.00	2.40	2.50	2.90
75	75.0	75.7	2.00	2.40	2.50	2.90	3.00	3.40
90	90.0	90.8	2.20	2.60	2.90	3.40	3.50	4.10
110	110.0	111.0	2.70	3.20	3.40	3.90	4.20	4.80

*Note: Spray pipes are also made available in 14mm x 8mm and 20mm 16 Kg/cm<sup>2</sup> pipes in 100m lengths. Coil length are also offered for spray pumps for orchards.*

### Fittings and accessories

Elbow, tee, end cap, bottom (base pipe), service saddle, etc. along with couplers and Sprinklers (nozzles), riser pipes, and metal clamps are available as per the requirements which makes the system complete in all respect.

## FEATURES AND BENEFITS

- More than 40% water saving in comparison to flood irrigation.
- Well suited for irrigation of undulating fields- levelling of land is not required.
- Portable, light weight and easy to handle.
- Extensive saving in transportation and labor cost.
- Excellent corrosion resistant properties.
- UV stabilized - Provides protection from ultra violet sunrays which makes its suitable for exposed application.
- Chemically inert - Makes it suitable for liquid fertilizers and pesticides.
- Strong, durable and long lasting.
- Easy and quick installation by using coupled type joints provided with pipes and fittings.
- Cost effective.

### Application

Suitable for almost all crops like wheat, gram, pulses, vegetables, cotton, tea, coffee and field crops like corn and soybean. It is also suitable for gardens maintained in residences, industries, hotels, resorts, public and government premises as also large green patches like the golf and race courses.



# FITTINGS

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	EX.FACT RATE
<b>C Type</b>			
RC2BNA00050K	50	3.2	
RC2BNA00063K	63	3.2	
RC2BNA00075K	75	3.2	
RC2BNA00090K	90	3.2	
<b>B Type</b>			
RC5BNA00075K	75	3.2	
RC5BNA00090K	90	3.2	
RC5BNA00110K	110	3.2	



**Coupled Bend**

Item Code	Size in mm	Pressure Class (kgf/cm <sup>2</sup> )	EX.FACT RATE
<b>C Type</b>			
RC2ETA00050K	50	3.2	
RC2ETA00063K	63	3.2	
RC2ETA00075K	75	3.2	
RC2ETA00090K	90	3.2	
<b>B Type</b>			
RC5ETA00075K	75	3.2	
RC5ETA00090K	90	3.2	
RC5ETA00110K	110	3.2	



**Coupled Tee**

<b>C Type</b>			
MF2PCN00050K	50	3.2	
MF2PCN00063K	63	3.2	
MF2PCN00075K	75	3.2	
MF2PCN00090K	90	3.2	
<b>B Type</b>			
MFSPEINS075BK	75	3.2	
MFSPEINS090BK	90	3.2	



**Threaded Pump Connector**

<b>C Type</b>			
RC2FBT00063K	63	3.2	
RC2FBT00075K	75	3.2	
RC2FBT00090K	90	3.2	
<b>B Type</b>			
RC5FBT00075K	75	3.2	
RC5FBT00090K	90	3.2	



**Foot Batten Adaptor with M.S. Saddle**

<b>C Type</b>			
MFSECA00050K	50	3.2	
MFSECA00063K	63	3.2	
MFSECA00075K	75	3.2	
MFSECA00090K	90	3.2	
<b>B Type</b>			
RC5ECA00075K	75	3.2	
RC5ECA00090K	90	3.2	
RC5ECA00110K	110	3.2	



**End Cap**

<b>C Type</b>			
RC5SRDC9075K90x75		3.2	
RC5SRDC7563K90x63		3.2	
<b>B Type</b>			
RC5SRDB9075K90x75		3.2	
RC5SRDB7563K90x63		3.2	



**Reducer**

Item Code	Nozzle Size (mm)	Pressure (Kg/cm <sup>2</sup> )	Coverage Diameter (m)	Discharge (LPH)	Rate
1603312	5.15x3.17	1	24.00	1520	
		2	25.00	2170	
		3	26.00	2670	

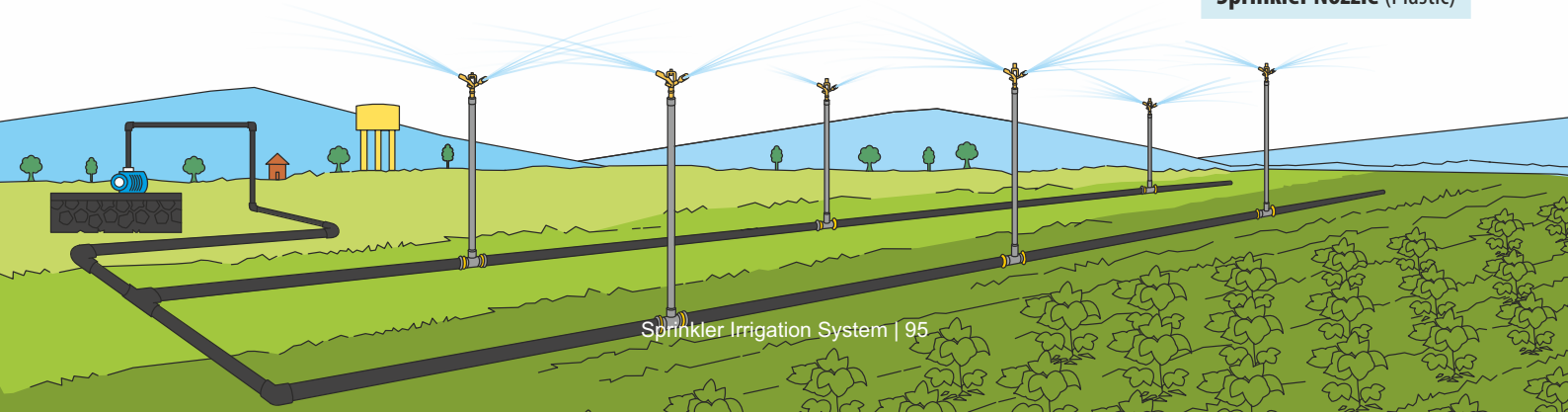


**Sprinkler Nozzle (Metal)**

5.15x3.17	1	22.50	1374	
	2	27.00	1943	
	3	29.50	2380	



**Sprinkler Nozzle (Plastic)**



## THE SYSTEM

In majority of the cases, it has been observed that the tube wells fails due to corrosion and encrustation problems associated with conventional pipes. Corrosion damages the strainer screens allowing the sand particles to enter in the well along with the water while, encrustation reduces the pipe diameter as well as the effective area of the screen; making the tube well unserviceable in a shorter period of time. These problems are totally eliminated in Supreme casing pipes which are made from specially developed PVC compounds. Additionally, Supreme casing pipes offer superior performance at a lower cost which has made these pipes a preferred choice of customers across the country.

Supreme offers variety of pipes for bore-well applications to cater to every need of bore-well sector. The variety of pipes includes casing pipes as per IS:12818 and ASTM D:1785, ribbed screen casing pipes for tube wells, SDR casing pipe series for shallow depth applications as per company standards and plain pipes as well as screen(slotted) pipes.

**Users:** Due to the excellent results, the Supreme uPVC casing pipes are well accepted by civil engineers, drilling contractors and government/semi-government departments. They are ideal for domestic use, irrigation, industrial, public and mining wells.

## FEATURES AND BENEFITS

**Excellent corrosion resistance** - Unlike metal pipes, uPVC casing pipes are completely immune to corrosion and offer good resistance to aggressive elements in the soil which could cause encrustation of well screens.

**Light in weight** - These pipes are light in weight which makes their transportation and installation very easy and cheaper than conventional materials.

**Quick and convenient installation** - These pipes can be easily assembled and installed using threaded joints. These pipes are suitable where drilling is done by hand, with light weight drilling rig or even with large capacity drilling machines.

**Excellent strength and stiffness** - These pipes have excellent stiffness that meet all the mechanical properties as per IS:12818. They have excellent hydrostatic collapse pressure that is capable of withstanding the external hydraulic pressure which these pipes would be subjected to during construction of the well.

**Non-toxic** - The material of the pipe is non-toxic and hence does not impart any taste, odour or colour to water. It also does not release any harmful substance in the water which could pose health problems. It also resists bacteria, which makes it completely safe for drinking water applications.

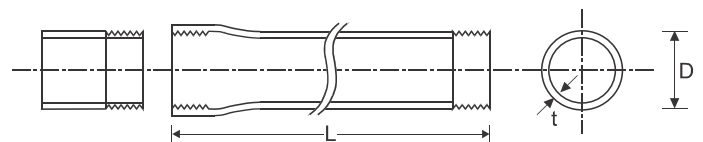
**Non-conductive** - uPVC is a non-conductor of electricity eliminating any electro chemical reactions and with ground water which could cause encrustation of screens.

**Long lasting** - The material is free from rusting, weathering, and chemical reactions. Excellent mechanical properties ensures long and trouble free service life.

**Economical** - Supreme uPVC casing and screen pipes are the most economical solution compared to the other materials or alternative uPVC casing pipes available in the market.

## Casing Pipes conforming to IS:12818-2010

These pipes are manufactured as per BIS standards (IS:12818-2010) and are available in deep blue colour. One end of the pipe is male threaded whereas other end is a female threaded socket. Threads are either 'V' type or trapezoid type and protection caps are provided on the threads to protect the threads in transit. Two types of pipes, viz., Shallow Well (C.S.) and Medium Well (C.M.) are available. Shallow well pipes can be used for depths up to 80 m and medium well pipes can be used up to 250m of depth.

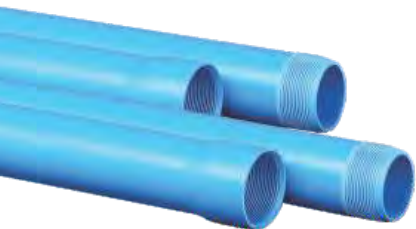


<b>Shallow Well - C.S.</b> (Suitable upto 80m depth)						
<b>Nominal Outer Diameter Sizes</b> mm (inch)	<b>'D' (mm)</b>		<b>'t' (mm)</b>		<b>'L' (m)</b>	<b>Ex.Fact Price</b>
	Min	Max	Min	Max		
#125 (5")	140	140.4	5.0	5.6	3	2461.00
150 (6")	165	165.4	5.7	6.5	3	3308.00
175 (7")	200	200.5	7.0	7.8	3	4841.00
200 (8")	225	225.5	7.6	8.8	3	6068.00
250 (10")	280	280.5	9.6	11.0	3	9679.00
<b>Medium Well - C.M.</b> (Suitable upto 250m depth)						
35 (1¼")	42	42.2	3.5	4.0	3	0.00
40 (1½")	48	48.2	3.5	4.0	3/6	623.00
50 (2")	60	60.2	4.0	4.6	3	863.00
80 (3")	88	88.3	4.0	4.6	3/6	1285.00
100 (4")	113	113.3	5.0	5.7	3/5	2016.00
115	125	125.3	5.0	5.7	3	--
125 (5")	140	140.4	6.5	7.3	3	3167.00
150 (6")	165	165.4	7.5	8.5	3	4219.00
175 (7")	200	200.5	8.8	9.8	3	6005.00
200 (8")	225	225.5	10.0	11.2	3	7617.00
#240	240	240.8	11.0	12.0	3	--
250 (10")	280	280.5	12.5	14.0	3	12179.00
300 (12")	330	330.6	14.5	16.2	3	0.00
<b>Deep Well - C.D.</b> (Suitable above 250m and upto 450m depth)						
100 (4")	113	113.3	7.0	7.9	3	0.00
115	125	125.3	7.5	8.5	3	0.00
125 (5")	140	140.4	8.0	9.0	3	0.00
150 (6")	165	165.4	9.5	10.7	3	0.00
175 (7")	200	200.5	11.8	13.6	3	0.00
200 (8")	225	225.5	13.0	14.8	3	0.00
250 (10")	280	280.5	16.0	17.6	3	0.00

Note: # marked pipe dimensions are as per company standards.

## Casing Pipes conforming to ASTM D-1785

Recently we have introduced heavy duty casing pipes as per ASTM D-1785 specifications. These pipes are available in SCH 40 and SCH 80 varieties. Due to higher stiffness these pipes are strong and durable as compared to IS:12818 pipes.



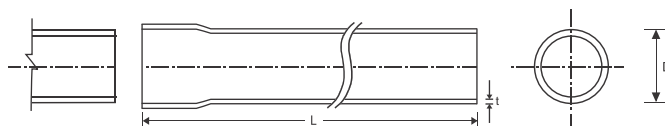
## Dimensions of Casing Pipes as per ASTM D-1785

Nominal Sizes mm (inch)	Outer diameter (mm)		Wall thickness (mm)				Length (m)	Thread type	Ex.Fact. Price
	Min	Max	Schedule 40		Schedule 80				
40 (1½")	48.11	48.41	3.68	4.19	5.08	5.69	3/6	V	0.00
50 (2")	60.17	60.47	3.91	4.42	5.54	6.20	3/6	V	0.00
80 (3")	88.70	89.10	5.49	6.15	7.01	7.49	3/6	V	0.00
100 (4")	114.07	114.53	6.02	6.73	8.56	9.58	3/5	V	0.00
150 (6")	168.00	168.56	7.11	7.97	10.97	12.29	5/3	Square	0.00
200 (8")	218.70	219.40	8.18	9.17	12.70	14.22	5/3	Square	0.00
250 (10")	272.67	273.43	9.27	10.39	15.06	16.86	3	Square	0.00
300 (12")	323.47	324.23	10.31	11.55	17.45	19.53	3	Square	0.00

Note: Pipe length is inclusive of socket length

## SDR Casing Pipes

These economical pipes, manufactured as per company standards are suitable for shallow depths where soil formation is favorable. Use of these pipes for a particular application needs to be examined on case to case basis. One end of the pipe is plain whereas the other end is socketed for solvent weld joint. These pipes are available in blue colour.

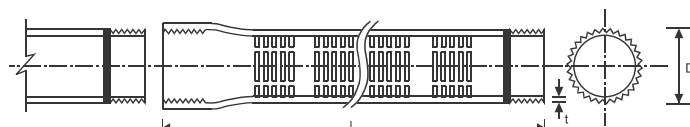


Dimensions of SDR Casing pipes

Diameter of pipe 'D' (mm)	Tolerance in OD (mm)	Wall thickness 't' (mm)		Length 'L' (m)	Ex.Fact. Price
		Min	Max		
<b>SDR-35</b>					
110	+0.4	3.10	3.50	6	2026.00
140	+0.5	4.00	4.60	6	3305.00
160	+0.5	4.50	4.90	6	4328.00
180	+0.6	5.10	5.60	6	5469.00
200	+0.6	5.70	6.30	6	6896.00
<b>SDR-52</b>					
110	+0.4	2.10	2.40	6	1426.00
140	+0.5	2.70	3.20	6	2377.00
160	+0.5	3.10	3.50	6	3038.00
180	+0.6	3.50	3.90	6	3834.00
200	+0.6	3.80	4.30	6	4667.00

## Ribbed Screen Casing Pipes

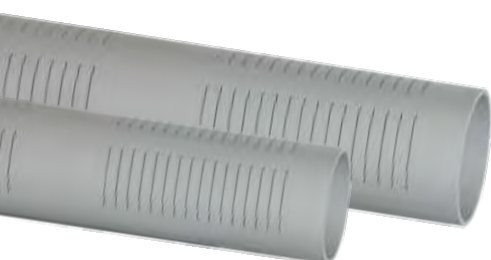
These pipes are provided with 'V' shape ribs on its exterior surface. The special design of this structure with fine slots provided on the pipes, prevent entry of even small particles and hence permeability of the screen is maintained. These pipes are normally used in combined wells or used for specific soil formation where normal screen pipes do not work, e.g., fine sand. These pipes are provided with male and female threaded ends.



Dimensions of Ribbed screen casing pipes

Nominal Sizes mm (inch)	Outer diameter 'D' (mm)		Wall thickness 't' (mm)		Length 'L' (m)	Ex.Fact. Price
	Min	Max	Min	Max		
40 (1½")	52	52.20	3.50	4.00	3	896.00
50 (2")	64	64.20	4.00	4.60	3	1161.00
80 (3")	92	92.30	4.00	4.60	3	1670.00
100 (4")	117	117.30	5.00	5.70	3	2497.00
115 (4½")					3	-
125 (5")	144	144.40	6.50	7.30	3	3990.00
150 (6")	169	169.40	7.50	8.50	3	5493.00
175 (7")	204	204.50	8.80	9.80	3	7559.00
200 (8")	229	229.50	10.00	11.20	3	9773.00

Note: Ribbed screen pipes as per IS:12818 are available in blue colour.

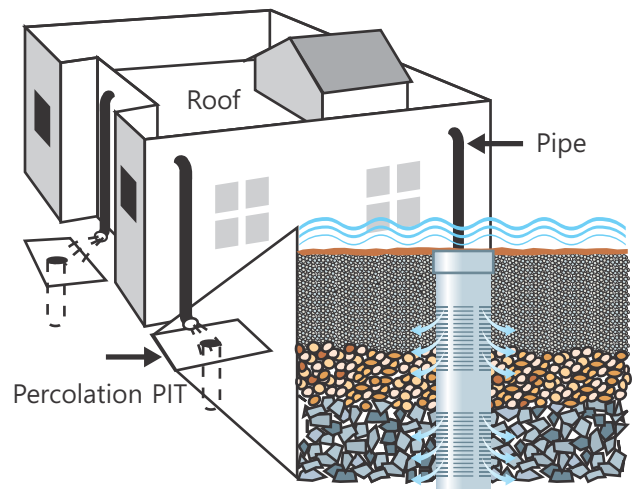


## Screen/Slotted Pipes

Screen or slotted pipes are used for casing in ground water section to allow water to enter inside the well. These pipes can also be used to provide soak-ways for the storm water/rain water to infiltrate it back into surrounding areas. Thus, we can recharge the ground water and prevent the run off of rain water. These percolation pipes can be used in roof top rain water harvesting in the form of percolation pit, to recharge the ground water. These pipes can also used to control and reduce the volume of rain water discharge into existing main sewer systems and water courses.

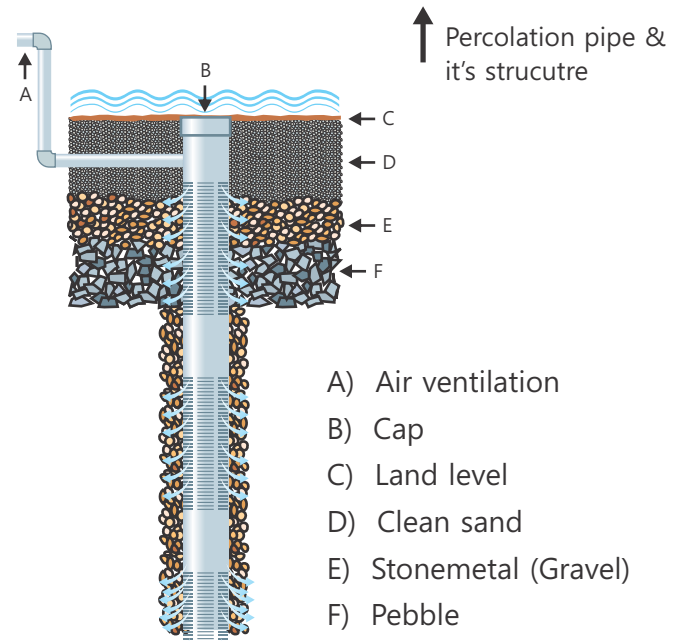
**Dimensions details of Screen/Slots of Casing Pipes conforming to IS:12818-2010**

Size (mm)	No of Rows	Slot width (mm)	Distance between slots (mm)	Slot width (mm)	Distance between slots (mm)	Slot Length (mm)	Ex.Fact. Price
35	3	0.50	5.50	1.50	9.50	25	0.00
40	3	0.50	5.50	1.50	9.50	28	0.00
50	3	0.50	5.50	1.50	9.50	36	0.00
80	3	0.50	5.50	1.50	9.50	56	0.00
100	5	0.50	5.50	1.50	9.50	43	0.00
115	5	0.50	5.50	1.50	9.50	48	-
125	5	0.50	5.50	1.50	9.50	48	-
150	5	0.50	5.50	1.50	9.50	57	-
175	6	0.75	5.50	1.50	9.50	56	-
200	6	0.75	5.50	1.50	9.50	65	-



**Dimensions details of Screen/Slots of SDR pipes/ Pipes conforming to IS:4985 used as casing**

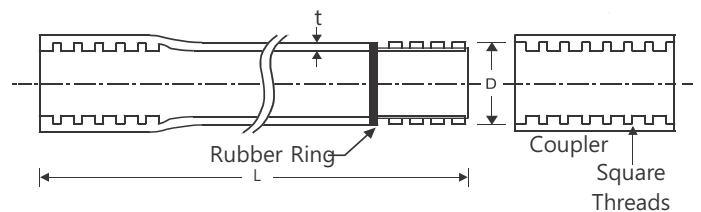
Size (mm)	No of Rows	Slot width (mm)	Distance between slots (mm)	Slot Length (mm)	Ex.Fact. Price
75	2	1.50	16	55	0.00
90	3	1.50	16	65	0.00
110	3	1.50	16	75	0.00
140	4	1.50	16	80	0.00
160	4	1.50	16	90	0.00
180	4	1.50	16	100	-
200	4	1.50	16	110	-
225	5	1.50	16	110	-
250	6	1.50	16	95	-
280	6	1.50	16	95	-
315	8	1.50	16	90	-
400	8	1.50	16	90	-



**Column Pipes for Submersible Pumps**

These pipes have been specially designed and are manufactured under stringent quality checks. They are tested to withstand system loads comprising the weight of the pump, water and pipe weight with adequate factor of safety. Due to unique design of square threads, they can withstand considerable shock and jerk loads during operation. Pipes supplied with separate couplers are integrally locked with the pipes. Couplers are locked with the pipes using wire lock or using special adhesives.

Light weight, high tensile load capacity, leak proof joints and longer life makes Supreme column pipes very economical. These features makes them superior option as compared to the conventional metal pipes. These pipes are available in 25 to 100mm (1" to 4") dia in different classes. Pipes have female belled threads at one end and male threads on the other end or with separate coupler as per the details given in the table. Pipes are available in 3m length with square threads fitted with rubber sealing ring at male threaded end. These pipes are available in 9 different varieties as per requirement based on installation depths from 90 to 450mtrs (for details refer the table).



Dimensions of Column Pipes for submersible pumps

Size		Outer diameter 'D' (mm)		Wall thickness 't' (mm)		End type	Max. Working Pressure (Kg/cm <sup>2</sup> )	Recommended installation depth (feet)	Ex.Fact. Price
		Min	Max	Min	Max				
mm	inch								
<b>SMART DUTY (V4)</b>									
25	1"	33.3	33.6	1.6	1.9	Coupler	12	361	311.00
32	1¼"	42.0	42.3	2.1	2.4	Coupler	13	426	464.00
40	1½"	48.0	48.3	2.3	2.6	Coupler	12	394	551.00
50	2"	60.0	60.3	2.4	2.7	Coupler	9	295	786.00
<b>LIGHT DUTY (BLUE SCREEN)</b>									
25	1"	33.3	33.6	1.7	2.0	Male/Female or with Coupler	13	426	329.00
32	1¼"	42.0	42.3	2.4	2.7	Male/Female or with Coupler	15	492	526.00
40	1½"	48.0	48.3	2.5	2.8	Male/Female or with Coupler	13	426	619.00
50	2"	60.0	60.3	2.6	2.9	Coupler	11	361	819.00
<b>MEDIUM DUTY (ORANGE SCREEN)</b>									
25	1"	33.3	33.6	2.0	2.4	Male/Female or with Coupler	15	492	387.00
32	1¼"	42.0	42.3	2.7	3.0	Male/Female or with Coupler	20	656	604.00
40	1½"	48.0	48.3	2.8	3.1	Male/Female or with Coupler	16	525	712.00
50	2"	60.0	60.3	2.9	3.2	Coupler	13	426	890.00
65	2½"	75.0	75.3	3.0	3.3	Coupler	10	328	1208.00
80 (RE)	3"	88.0	88.3	2.9	3.2	Coupler	11	328	1466.00
100 (RE)	4"	113.0	113.3	3.6	4.0	Coupler	10	295	2145.00
<b>SUPER MEDIUM DUTY</b>									
25	1"	33.3	33.6	2.4	2.7	Male/Female or with Coupler	22	722	436.00
40	1½"	48.0	48.3	3.5	3.8	Coupler	21	689	802.00
<b>SUPER MEDIUM DUTY (CRYSTAL)</b>									
50	2"	60.0	60.3	3.3	3.7	Coupler	17	558	1001.00
<b>ECO STANDARD DUTY</b>									
50	2"	60.0	60.3	3.7	4.1	Coupler	20	656	
<b>STANDARD DUTY (RED SCREEN)</b>									
25	1"	33.3	33.6	4.1	4.5	Male/Female or with Coupler	30	984	619.00
25 (RE)	1"	33.3	33.6	3.7	4.0	Male/Female or with Coupler	30	984	634.00
32 (RE)	1¼"	42.0	42.3	3.8	4.2	Coupler	27	886	704.00
40	1½"	48.0	48.3	4.1	4.5	Coupler	27	886	881.00
50	2"	60.0	60.3	4.1	4.5	Coupler	23	754	1161.00
65 (RE)	2½"	75.0	75.3	4.0	4.4	Coupler	14	459	1448.00
80 (RE)	3"	88.0	88.3	4.6	5.0	Coupler	17	492	1946.00
100 (RE)	4"	113.0	113.3	5.3	5.8	Coupler	15	426	2813.00
<b>HEAVY DUTY (GREEN SCREEN)</b>									
32 (RE)	1¼"	42.0	42.3	4.7	5.1	Coupler	35	1148	821.00
40 (RE)	1½"	48.0	48.3	5.0	5.5	Coupler	35	1050	1114.00
50 (RE)	2"	60.0	60.3	5.1	5.5	Coupler	27	886	1372.00
65 (RE)	2½"	75.0	75.3	6.0	6.5	Coupler	25	722	1993.00
80	3"	88.0	88.3	7.3	7.8	Coupler	25	820	2862.00
100	4"	113.0	113.3	9.4	9.9	Coupler	25	820	4409.00
<b>SUPER HEAVY DUTY (BLACK SCREEN)</b>									
32	1¼"	42.0	42.3	6.0	6.5	Coupler	45	1476	1004.00
40 (RE)	1½"	48.0	48.3	5.8	6.3	Coupler	42	1476	1289.00
50 (RE)	2"	60.0	60.3	5.9	6.4	Coupler	35	1148	1700.00
80	3"	88.0	88.3	9.8	10.7	Coupler	35	1148	3717.00

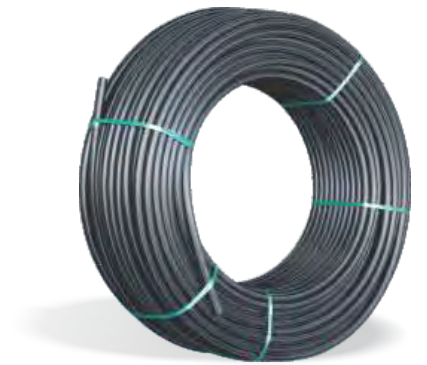
Note: Pipes are available in standard 3m length

## PE Column Pipes



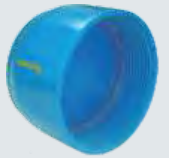
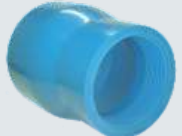






We also offer PE pipes for lowering submersible pumps. As they are free of any joints, the installation becomes very easy and quick. These pipes are made as per IS:4984. The product details are as given below: -

### Coil specifications

Standard diameter (mm)	Pressure rating	Coil length (m)	Application	Ex.Fact. Price
32	PN-6	300 and 500	Jet pumps	—
40	PN-4 and PN-6	200, 300 and 500	Jet pumps	—
50	PN-4 and PN-6	200 and 300	Submersible pumps	—
63	PN-4 and PN-6	100, 200 and 300	Submersible pumps	—
75	PN-4 and PN-6	100, 200 and 300	Submersible pumps	—
90	PN-4 and PN-6	100	Submersible pumps	—
110	PN-4 and PN-6	50	Submersible pumps	—



### ACCESSORIES FOR BORE WELL APPLICATION

Item Code	Size in mm	Socket Type	Box qty.	Ex.Fact. Price		Item Code	Size in mm	Socket Type	Box qty.	Ex.Fact. Price	
FPCMCP003BL	80 (3")	FTxFT	40	99.40	 <b>Coupler</b>	FPCMFTA001BL	100 (4")	FT	20	-	 <b>F.T.A.</b>
FPCMCP004BL	100 (4")	FTxFT	20	198.60			150 (6")	FT	8	607.50	
FPCMCP005BL	125 (5")	FTxFT	15	-			200 (8")	FT	6	-	
FPCMCP006BL	150 (6")	FTxFT	10	573.80							
FPCMCP007BL	175 (7")	FTxFT	6	1147.60							
FPCMCP008BL	200 (8")	FTxFT	4	-							
<b>CM</b>					 <b>End Cap</b>	FPCMRED004BL	100x80 (4"x3")	FTxS	20	198.60	 <b>Reducer</b>
FPCMCP005BL	125 (5")	Ft	15	259.50		FPCMRED006BL	150x100 (6"x4")	FTxS	8	717.20	
FPCMCP002LG	150 (6")	Ft	10	373.70		FPCMRED009BL	200x100 (8"x4")	FTxS	4	2155.80	
FPCMCP010BL	175 (7")	Ft	10	561.10		FPCMRED008BL	200x100 (8"x6")	FTxS	4	1413.30	
FPCMCP009BL	200 (8")	Ft	8	724.10							
MEP8BCCP005BL	40 (1½")	FT	100	8.30	 <b>Bottom Cap</b>	4100276	25 (1")	MTxMT		418.80	 <b>Top and Bottom Adapter</b>
MEP8BCCP006BL	50 (2")	FT	45	16.40		4100278	32 (1¼")	MTxMT		550.00	
MEP8BCCP009BL	100 (4")	FT	21	102.00		4100277	40 (1½")	MTxMT		675.00	
MEP8BCCP010BL	125 (5")	FT	15	120.00		4100279	50 (2")	MTxMT		875.00	
						4100534	65 (2½")	MTxMT		1275.00	
						4100535	80 (3")	MTxMT		2087.50	
<b>CM</b>					 <b>Adapter</b>	1602081	25 (1")	MT		1740.00	 <b>Pump Guard</b>
FPCMMA005BL	100 (4")	MxF		187.90			32 (1¼")	MT		-	
FPCMMA006BL	150 (6")	MxF		419.90		1602082	40 (1½")	MT		2100.00	
FPCMMA004BL	100 (4")	MT		-		1602083	50 (2")	MT		2355.00	
FPCMMA001BL	150 (6")	MT		-			65 (2½")	MT		-	
FPCMMA003BL	175 (7")	MT		-		4100545	80 (3")	MT		-	
FPCMMA002BL	200 (8")	MT		-	4100546	100 (4")	MT		-		
					 <b>M.T.A.</b>		25 (1")	FT		-	 <b>Loop Bail Clamp</b>
FPCMMA004BL	100 (4")	MTxS	20	211.00			32 (1¼")	FT		-	
FPCMMA001BL	150 (6")	MTxS	8	618.00			40 (1½")	FT		-	
FPCMMA002BL	200 (8")	MTxS	6	1704.80		4100333	50 (2")	FT		938.80	
							65 (2½")	FT		-	
						4100541	100 (4")	FT		-	

Required transition adapters in difference sizes for easy fitting to threaded pipes, reducing adapter and lifting caps are available upon demand. Ends are provided with fine threads as per IS:554 where as other ends are square threads as per IS:12818. FT - Female threaded, MT - Male threaded.





Auditorium



Hands on Demo Section



Installed Display



PPT Program



Plumbing Workshop



Advanced Plumbing Course



KNOWLEDGE CENTRE

## Knowledge Centre

... a concurrent knowledge sharing platform

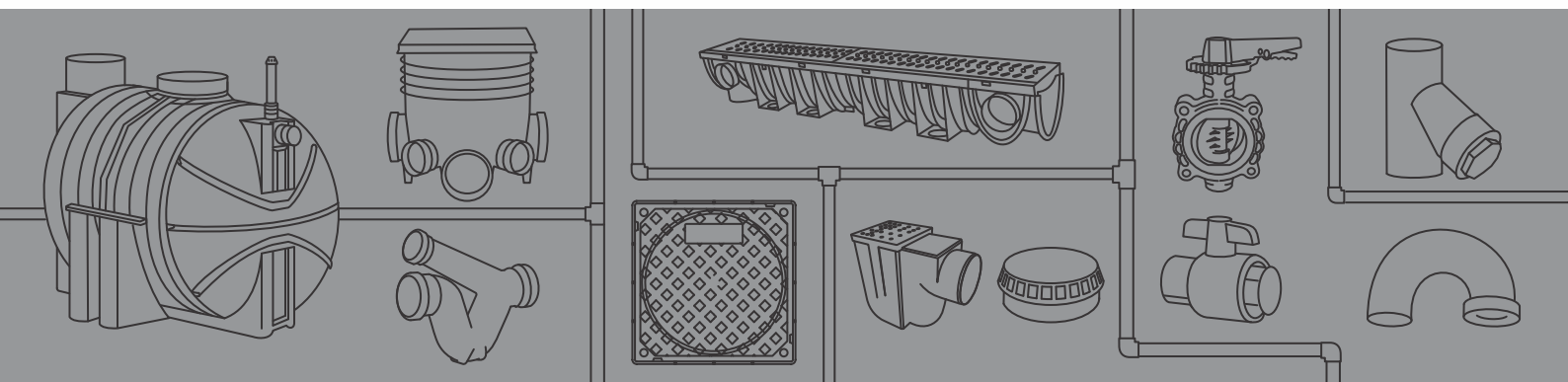
### Transforming Through Training and Up-skilling

Besides introducing new and advance products on regular basis, the Supreme Industries Ltd. is also known for its remarkable contribution in training and up-skilling. Supreme's state of the art Knowledge Centre located at Gadegaon, acts like a 'Gurukul' for the plumbing fraternity. This first of its kind knowledge centre has proved to be a very effective platform in imparting training and making the trained workforce available to the construction industry. The encouraging results of this knowledge centre has inspired us to establish three more such centre's at Ernakulam (KL), Malanpur near Gwalior (MP) and Kharagpur (WB) to reach out to as many plumbing professionals as is possible. The training imparted at these knowledge centres is in line with the Uniform Plumbing Code (UPC). Thousands of plumbing professionals are gaining knowledge and are greatly benefitting by visiting our knowledge centres.

Besides the four Knowledge Centre's, our innovative endeavors like Plumbing Professional Training Programs, Plumbing Workshops, and Engineers Meets are also helping us in imparting training to various plumbing professionals on a PAN India basis. Recently, we have started a new residential training program i.e. 'Advanced Plumbing Course' for the fresh candidates with an objective to develop their technical and professional skills in the areas of plumbing and water management. In our pursuit of skill development drive, we are also setting up full-fledged plumbing labs/excellence centres in association with reputed institutes at different locations. All these efforts are commensurate with our objective of training and up- skilling to enhance the quality of plumbing practices.

Thus, we at Supreme are deeply committed to excellence in every field that we opted to operate for the betterment of society and the nation.





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