



SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

COMPANY OVERVIEW

Siddhi Rubber Udyog was incepted decades back with an objective to satiate the ever rising demand for high quality rubber industrial product with a vision to establish as a brand in the industry by offering high quality solutions.

Founded in the year 2014 our almost value possession is our quality Timely Delivery, Our cost customer satisfaction.

We are ISO 9001:2015 Certified Company and ISI on our product.

Siddhi Rubber Udyog established our self as the topmost manufactured and suppliers of almost all varieties of PVC Water Seals, Rubber Sheet, Elastomeric Bearing Pads, Rubber Hose, EPDM waterproofing Membrane, Expansion Joints for Bridge and PVC & Rubber Profiles,

We have been an established and popular company with an excellent track record for the best customer satisfaction. We have never compromise on the quality and the services provided to the customer. We believe in keeping the customers happy and providing them with products at a very competent price. We have an excellent staffs who will guide you with their best ideas by keeping in constant touch with your company and informing about the market trends.

With Outstanding reputation and over a thousand customers in India and Global market, we believed we have met a benchmark and hope to do more to add value to our benefits to our products, helping customers to obtain their expectation in both quality brilliance and durability.

Our happy Customer in the list PWD, CPWD, INDAIN OIL, RAILWAYS, DMRC, DELHI JAL BOARD, NTPC, GAIL, ONGC AND AUTO Mobile Sector / Food Grade Companies & more renowned organizations. We are constantly working hard with our R&D to regularly our products and deliver cost effective solution of the customer.

Our Management

We take pride to be guided by the industry expert and MD of our company Mr. Vijender Singh Rana who has contributed immensely in growth of the rubber industry. His foresightedness and experience in all fields be it commercial or technical speaks volume about the quality of products the company has delivered so far successfully. All the activities related to the company take place under the joints guidance of our CEO Mr. N.K RANA.



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Certificate of Registration

This is to certify that

Siddhi Rubber Udyog

C - 339, Sector - 10, Noida, Gautam Budha Nagar - 201301
(Uttar Pradesh), India.

has been assessed by RICL and found to comply with the requirements of

ISO 9001 : 2015 Quality Management System

For the following activities:

Manufacturing, Supplier & Service Provider of PVC Water Stop Seal, PVC Hoses, Rubber Sheet, EPDM Profiles, Neoprene Bearing Pads, Expansion Joint Filler Board and Relate Products.

Date of Initial Certification: 06/05/2019
Certification Valid Until: 05/05/2022

Certificate No.:
19RQ05AA

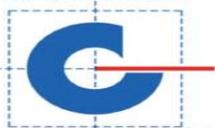
Director

Royal Impact Certification Ltd.

Certificate details entered into JAS-ANZ register on 06/05/2019



JAS-ANZ



www.jas-anz.org/register

A - 66, Ground Floor, Sector - 2, Noida - 201301, India.
www.isointernational.org, info@isointernational.org
Phone : +91 120 4113893

This Certificate can be verified at: www.isointernational.org and www.jas-anz.org

This Certificate remains the property of Royal Impact Certification Limited. Must be returned on request or if certificate is withdrawn. Validity of this certificate is subject to successful surveillance audits. RICL is accredited by JAS-ANZ. URL of Joint Accreditation System of Australia & New Zealand- www.jas-anz.org/register

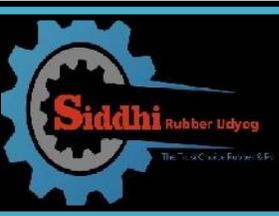


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CONTENTS

- 1-PVC Water Stop Seal
- 2- Copper /Metal Water Stop Seal
- 3- EPDM Water Proofing Membrane
- 4- LDPE Water Proofing Membrane
- 5-HDPE Water Proofing Membrane
- 6- EPDM Rubber Profile/Rubber Pad
- 7-PVC Handrail / PVC Sheet
- 8-PVC Insulating Electrical Mats
- 9- Electrical Rubber mat
- 10-HDPE Pipe/ DWC Pipe /PVC Pipe
- 11- PVC Hose Pipe/ Rubber Hose
- 12-EPF Foam Sheet/ Armor Board
- 13-Expansion Joint Filler Board
- 14- Rubber sheets
- 15- Rubber Beading
- 16-Neoprene Rubber Sheet
- 17-Rubber Floor Mats
- 18-Non Woven Geo Textile
- 19-Geo Composites
- 20- Fiberglass Mesh
- 21-Mulatiurpose Expansion & Contraction Joints
- 22- Polysulphide Sealant/Adhesive
- 23- Neoprene Bearing Pad



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PVC WATER STOP SEAL

Physical Properties:

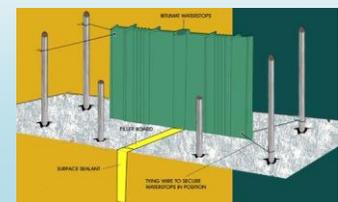
Siddhi PVC Compound has resistance against water, weather, ozone, Alkalies, oxidation, ageing, cold, tear resilience resistance at low temperature, color fastness, staining, (control migration of discoloring materials), roof, resistance, specially formulated compound to retain its physical properties and performance in excessively cold environment.

Technical Specification PVC Water Stop Seal as Per IS: 15058:2002 and IS: 12200:2001.

SL. NO.	Characteristic	unit	Specification
1.	Tensile Strength	Mpa	13.8 min
2.	Elongation at Break	%	285 MIN
3.	Hardness	Shore-A	65 Min
4.	Water Absorption	%	0.6 Max
5.	Cold Resistance (at-25°)	Visual	No Crack
6.	Accelerated Extraction Test		
A	Tensile Strength	Mpa	10.3 Min
B	Elongation at Break	%	280 Min
7.	Stability in effect of Alkalies test.		
A	Weight increase at 7 days	%	0.25 Max
B	Weight decrease at 7 days	%	0.10 Max
C	Change in hardness at 7 days	Shore-A	+5
D	Weight increase at 28 days	%	0.40 Max
E	Weight decrease at 28 days	%	0.30 Max
F	Dimension Change	%	+1

STRUCTURES THAT REQUIRE WATER STOP:

- Storage Tank
- Retaining Walls
- Swimming Pools
- Water & Waste Water Treatment Plant
- Subways, Tunnels & Culverts
- Dams, Canals & Water Reservoirs
- Foundation, Basement, Underground Parking
- Pumping Stations, Underground Chambers
- Drainage and Sewerage Concrete Structures (Sewerage Treatment Plants)





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PVC WATER STOP SEALS PROFILES

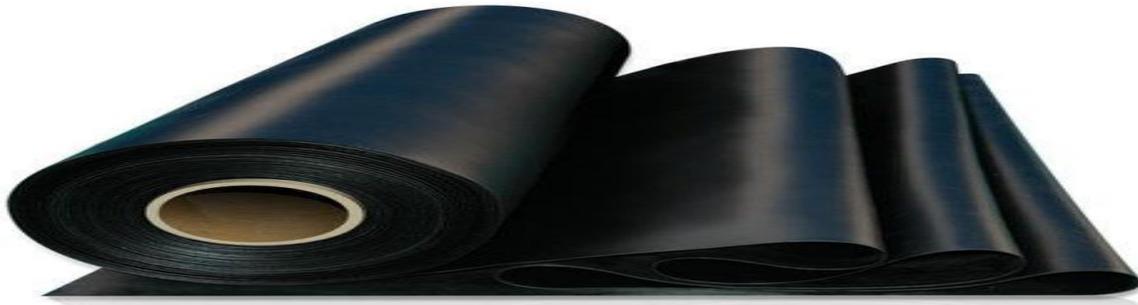
HYDROSTOP TYPE	WIDTH MM	THICKNESS MM	STRUCTURE PRESSURE	DESCRIPTION AND SUITABILITY
150B	150	4 to 5	25	For low hydro pressure Heads used in exp/ contraction joint
150AV	150	6	32	For moderate pressure in RCC wall Or slab , wall steps not less thicker than 150mm
150A	150	8 to 10	40	For High Hydro static heads in extensional contraction joints.
225D	225	5 to 10	50	For high heads utility same as 230 GV
230G	230	5	30	For medium pressure heads and wall Not less thicker than 230mm.
230GV	230	6	36	For medium pressure heads for Contraction and expansional correction joints.
230 KD	230	8 to 10	42	For construction joint extamly Placed type of PVC water stop
300 N	300	8	48	As per IS 1200 OF 1967. Sketch show in the Dama Synphons Aquedupta etc.
300KD	300	10	52	Surface type without crack Inducer but same as 300 KD
180XE	180	8 to 10	45	For high expansion / contraction and where Differential settlement in expected
300LU	300	6	35	Multi Ribbed and serrated , ideal water stop for Underground structures , in expansion / contraction joint
250RS	250	6 to 10	30	Multi Ribs and serration. ideal water stop for Contraction joints.
NCL				To be used in canal lining as Longitudinal joint (construction joint) in cement concrete lining when concrete is in plastic condition
NCT				To be used in canal lining as Transverse joint (Expansion joint) in cement concrete lining when concrete is in plastic condition



EPDM WATER PROOFING MEMBRANE

PROPERTIES OF EPDM:

It has very good properties in cold and hot region i.e. weather resistance at wide range of service temperature (-50° C to 140° C) with good resilience properties at low and high temperature, excellent heat ageing properties and acid resistance properties.



OTHER APPLICATION:

- Water Proofing
- Reservoir Linings
- New Proofing & re-roofing
- Insulation of the roof deck



INSTALLATION OF EPDM MEMBRANE



TECHNICAL DATA EPDM MEMBRANE AS PER ASTM D – 6134

The most ideal and durable solution specially designed to protect any reinforced concrete structure above or below ground level in the scorching desert climate of the Arabian Gulf

		TR- EPDM -150	TR- 150-EPDM-120	TR-EPDM-150
TECHNICAL DATA				
PARAMETER	TEST METHOD			TYPICAL VALUES
Specific Weight kg/m ²	-	1.9±0.20	1.5±0.20	2±0.20
Nominal Gauge Thickness ,mm	-	1.50±10%	1.20±10%	1.50±10%
Colour & Type	-	White Black Non Reinforced	White Black Non Reinforced	White Non Reinforced
Tensile strength, Min., Mpa	ASTM D412	9	9	9
Elongation at break , Min%	ASTM D412	300	300	300
Tear strength , Min.KN/m	ASTM D624, diE c	26	26	26
Ozone Resistance	ASTM D1149	No Cracks	No Cracks	No Cracks
Resistance to outdoor (UV) weathering	ASTM D26	No Cracks, No Cracking		
Available Sizes		1Mtr x 30mtr 1.5mtr x 30mtr		



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LDPE FILM/SHEET/LINER

Low density polyethylene sheet are extensively used for protection of liquid contamination, agriculture, industry, infrastructural project. LDPE film acts as a perfect line to prevent foreign material entering ground water sources as well as prevent seepage loss in water conservation project.

The conveyance of irrigating water in canal system often give way to water seepage and ultimately lead to loss of irrigating water.

OTHER APPLICATION:

- Agricultural purpose.
- lining of canal, reservoir, ponds
- lining of Industrial Effluent plant
- Tunnels
- Packaging, Wrapping
- Water proofing for terrace garden
- For protection of food grains, fertilizers, cotton chemicals, cement, constructions and Power plant.
- Concrete road and bridge.
- Steel plant



Ponds



Canal Lining

PROPERTES OF LDPE:

- Siddhi LDPE film has excellent mechanical properties
- Save water seepage up to 60% of total quantity of water available
- It has a very low moisture /vapor transmission rate.
- Very good resistance against chemical and unaffected by bacterial Of fungus growth.
- LDPE films have a very good resistance against ozone, oxidation weather & water Because polyethylene has a long chain of hydrocarbon which gives above properties

LDPE FILM/SHEET /LINER



WATER RESERVOIRS



LINING

TECHNICAL SPECIFICATION OF LDPE FILM AS PER IS: 2508/87

SL.NO	Characteristics	Unit	Specification
1.	Tensile strength	Kgf/cm ²	140Min.
2.	Elongation at Break	%	200 Min.
3.	Dart Impact Load	Gf	120 Min.(Normal)
4.	Carbon Black Content	%	20.5±0.5
5.	Carbon Black dispersion	Dispersion analyzer	No Crack
6.	Density	Gm/cc	0.992 to 0.937
7.	Tear Resistance	N/mm ²	9.5 Min.



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HDPE FILM/ SHEET/ LINER

The management of solid waste is crumbled for both the development as well as developing countries. The use of landfill for waste management is still a predominant option worldwide. Mainly used for agriculture operations, construction work and related applications. HDPE films have many advantages, Such as high shear and tensile strength, good barrier properties, high service temperature.

HDPE films mostly used in land fill application which protect the environment from the contamination protection by percolation of rainwater through the waste. A capping system will protect the landfill from further water infiltration.

Due to excellent chemical, physical, biological properties HDPE sheets are used for ground water protection and water engineering including the sealing of waste disposal sites, industrial lagoons and reservoirs.



Covering for rainy season

APPLICATIONS:

- > Landfill for waste dumping and hazardous waste dumping, chemical Waste, fly ash, soda ash, thermal power plant, hydro power plant, hydro Power plant waste liquid and steel plant.
- > Disposal of hazardous municipal waste in secured landfill guideline from the Ministry of environment and forest
- > Masking of concrete structure at port.
- > Storage of agricultural / industrial slurries.
- > Chemical & Petrochemical industries.
- > Salt Spans.
- > Air pollution and ground water pollution.
- > Fire fighting lagoons
- > Lining canals & rivers
- > Dams, Reservoir.

HDPE FILM / SHEET / LINER

ADVANTAGE OF HDPE FILMS:

> HDPE Have high tears resistance ozone, oxidation, weathering resistance, low coefficient of thermal expansion, flexibility, chemical resistance, proof resistance, low temperature resistance, friction resistance, high erosion resistance staining and migration resistance.



PHYSICAL PROPERTIES AS PER IS: 10889/84

SL.NO	Characteristics	unit	specification
1.	Tensile strength	Kgf /cm²	300 min.
2.	Elongation at Break	%	300 Min.
3.	Carbon Black Content	%	2.5±0.5
4.	Carbon Black dispersion	Dispersion analyzer	Satisfactory
5.	Density	Gm/cc	0.950±0.015
6.	Tear Resistance	N	230 Min.
7.	Punctual Resistance	N	450 Min.
8.	Chemical Resistance 30% H₂SO₄ for 7 days		
A.	T .S.	%	+241
B.	E.B.	%	-25
9.	Ozone Resistance	visual	No Cracks
10	Water Absorption	%	0.05 Max

NON-WOVEN GEOTEXTILES

DESCRIPTION:

Geotextiles are permeable fabrics used in conjunction with Foundation, soil, rock, earth, or any other geotechnical engineering Related material and have ability to separate, filter, reinforce, Protect, or drain.



TYPICAL APPLICATION:

- Coastal, River & flood protection works
- Roads, Railways
- Retaining Structures
- Canals
- Water and sludge containment



PROPERTIES:

- 100-400GSM
- 2.5-5M Wide
- High Puncture
- Large elongation before break
- Excellent filter characteristics at all strains
- High UV resistance





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GEO COMPOSITES

DESCRIPTION:

We have a broad range of drainage Geocomposite for Geosynthetics drainage systems. SiddhiDrain® solutions are efficient & can be applied to several situations. The draining Geosynthetic most commonly used are the Geocomposites, which are produced by laminating one or two Geotextiles, with filter function, on a drainage element

SIDDHI GC Fin drains shall be made of light weight, three dimensional high compressive strength polyethylene core black in color ; they are resistant to chemical and biological conditions normally occurring in soil. Moreover they are treated with special additives to resist UV degradation. ; and heat bonded or needle punched polypropylene / polyester geotextile provided on one side or both sides of core as per the requirements. The inner strands, thicker and heavier, provide high compressive resistance and transmissivity. The intersecting strands form overlaid sets of continuous deep channels which provide engineering projects, where a high hydraulic flow capacity is required.

Geotextile used in a drainage composite shall meet the requirements as specified in Table 700-9.(of morth) The properties of the core material shall meet the requirements as indicated in Table 700-10 (of MORTH).



the

TYPICAL APPLICATION:

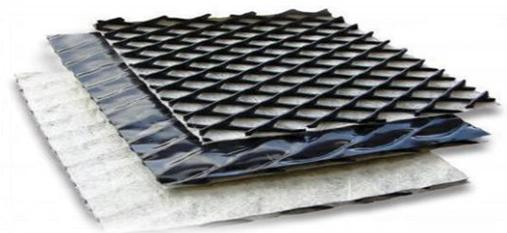
The core structure is flexible, with low to medium thickness, very high void ratio and medium – high compressive resistance; due to the channel pattern, the flow capacity is much higher in longitudinal direction than in transversal direction; it is suitable for almost all types of applications.



Roads RE Wall , Levelling and mechanical protection of the geomembrane; drainage of the accidental leaks below primary ; leachate and rain water collection above primary geomembrane; mechanical protection of the geomembranes when in contact with waste-materials and/or soil; drainage of liquids and gases present in the soil above and/or below the capping geomembrane.

PROPERTIES:

- Geogentle Style-Non Woven
- Metrial-Polypropylene
- 2.1mtr x 50mtr Length
- Thickness-5.5Millimeter (mm)





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Geotextile Specifications for SIDDHI GC Fin Drains

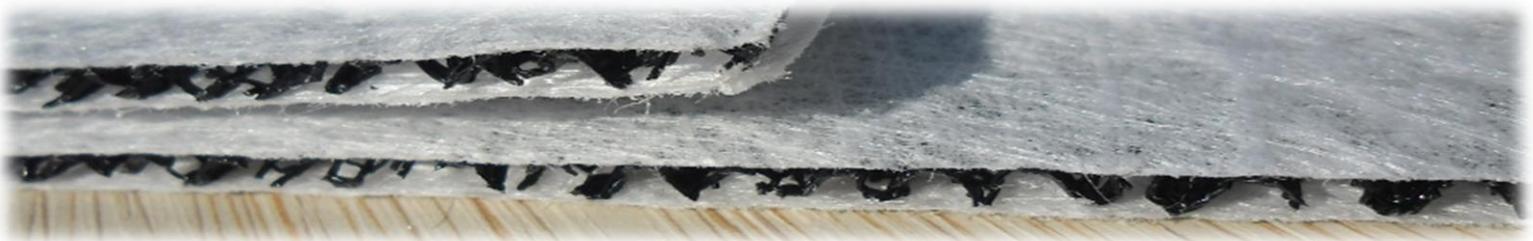
In-situ soil passing	Permittivity, per sec ASTM D	Maximum Apparent Opening Size, mm as
0.075 mm sieve(%)	4491/ IS 14324 : 1995	per ASTM D4751/ IS 14294 : 1995
< 15	0.5	0.43
15 to 50	0.2	0.25
> 50	0.1	0.22

Specification for Fin drain :

Property	Test method	Units	Minimum average Roll value
Tensile strength	EN ISO 10319	kN/m	16
CBR Puncture Resistance	EN ISO 12236	N	3000
Mass per unit area	EN ISO 9864	g/m ²	710
Thickness of Composite	EN ISO 9863	mm	4.5
In-plane permeability			
(Hydraulic Gradient, i=1 at 100 kPa pressure)	EN ISO 12958	l/m	0.55
Hydraulic Gradient, i=1 at 200 kPa pressure	EN ISO 12958	l/m	0.45

Technical Specifications:

Width	Customized
Thickness	5 mm
Application	Drainage
Brand	SRU





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Fiberglass Mesh

DESCRIPTION:

Fiberglass Mesh is based on the alkaline fiber-glass woven fabric and finished after being coated with an organic material. It is made of fiberglass yarn or roving by means of leno or plain weave. The material used for coating ensures excellent resistance to chemical substances and increases mechanical durability that is required by the construction industry.

Features:

- Cost-effective
- Reliable Performance
- Non-corrosive



TYPICAL APPLICATION:

It is widely used as reinforcement for waterproofing of terrace, bathroom, basement etc. It is also used as reinforcement for stone processing industries as it easily sticks on the back of the marble, mosaic and stone and offers great strength because of its balance structure.

Specification :

Density : 45-180 GSM

Length: 50 meters to 300 meters

Width: 600 to 2000mm.

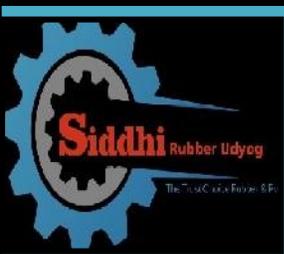
Hole size: 2.3 mm × 2.3 mm, 2.5 mm × 2.5 mm, 4 mm × 4 mm, 5 mm × 5 mm.

Special Products can be made according to the specification of the customer.



PROPERTIES:

Property	Particulars	Specification
Weight		45-180 GSM
Mesh Size		2.5 x2.5 mm
Density	(WARP/MD)	10
	(WEFT/CMD)	10
Breaking Strength (N	(WARP/MD)	700
	(WEFT/CMD)	700
Mass Per Unit Area (GSM)		50
Length Per Roll Size (mtr.)		50
Standard Width (mm)		1000
Coating		Acrylic
Weave		Leno



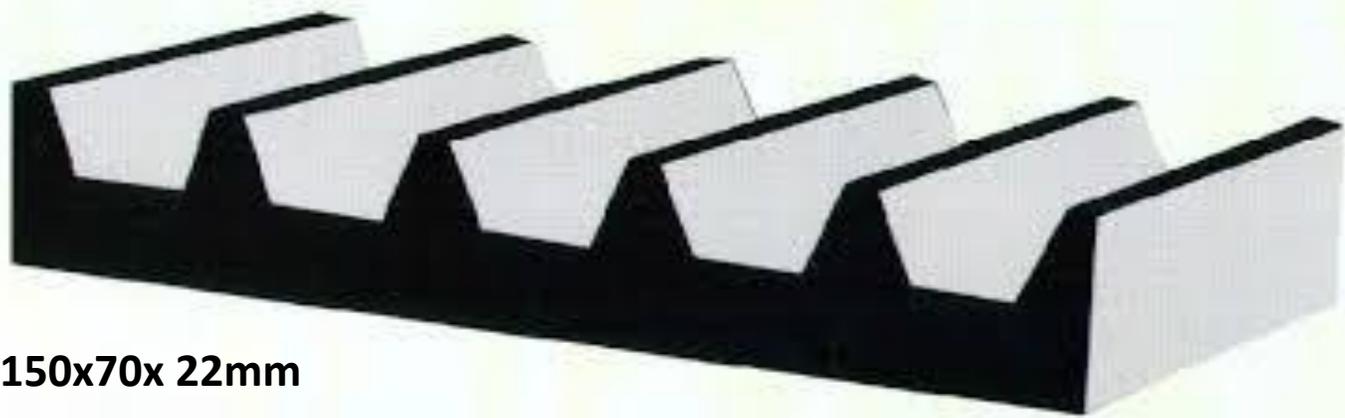
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EPDM RUBBER PAD

PROPERTIES OF EPDM RUBBER:

It has very good properties in cold and hot region i. e. weather, ozone & water resistance at wide range of service temperature (-50°C to 140°C) with good resilience properties at low and high temperature, excellent heat ageing properties and acid resistance properties.



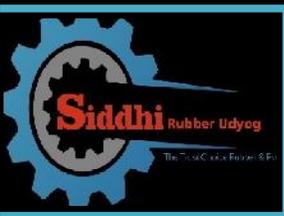
150x70x 22mm

Siddhi rubber udyog all types of EPDM solid Rubber And sponge Rubber, also Manufacturing EPDM flam Resistance Profiles to give flame resistance up 30 to 40 seconds at continuous burning

THE MAJOR PRODUCTS ARE:

1. EPDM Pads
2. Wind Shiels
3. Bus body beading
4. Glazing windows rubber
5. Beading Profile
6. Railways door and windowa profile
7. Container seal
8. Sponge door rubber

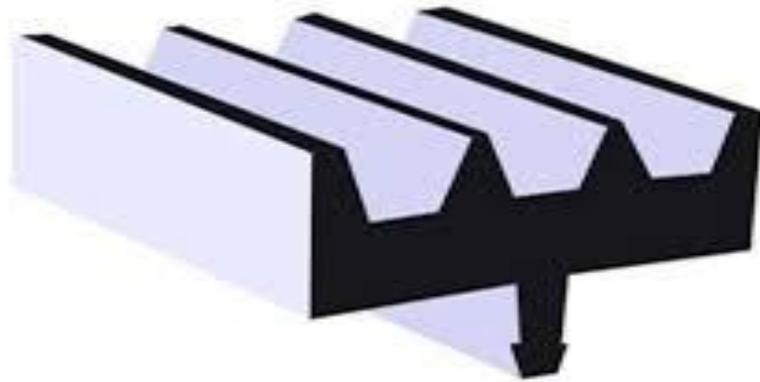
S.No	Properties	Test method	Spec
1	Hardness (sh. A)	ASTM D2240	80±5
2	Tensile Strength(Mpa),Min	ASTM D412	12
3	Elongation @Break (%) min		200
4	Heat ageing @70°C/70hrs Change in Hardness (point) Change in Tensile (%) max Change in elongation (%)	ATM D 573	+10 -25 -25
5	Compression set 70°C /22hrs (%) max.	ASTM D 395 Method B	35
6	Resistance to Ozone, Quality Retention rating (%), Min.	ASTM D 1171	85
7	Water Resistance for 70hrs/100°C, volume charge max (%)	ASTM D 471	10
8	Colour		Black
9	Density		1.19±0.03
10	Tear strength daN/cm		38
11	Max. Ash contention		<5%



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EPDM RUBBER PAD



Material : EPDM
Mass : 150-165 gms Approximately
Hardness : 80±5 IRHD (International Rubber Degree of Hardness)

100x85x20mm

PVC TUBE



3.5mm dia x 12mm OD
5.0mm dia x 14mm OD
6.0mm dia x 18mm OD
8.0mm dia x 20mm OD
10.0mm dia x 24mm OD
12.0mm dia x 30mm OD

PVC SQUARE RIGID ROAD



10mm x 10mm
12mm x 12mm
16mm x 16mm
20mm x 20mm
25mm x 25mm

PVC ROD



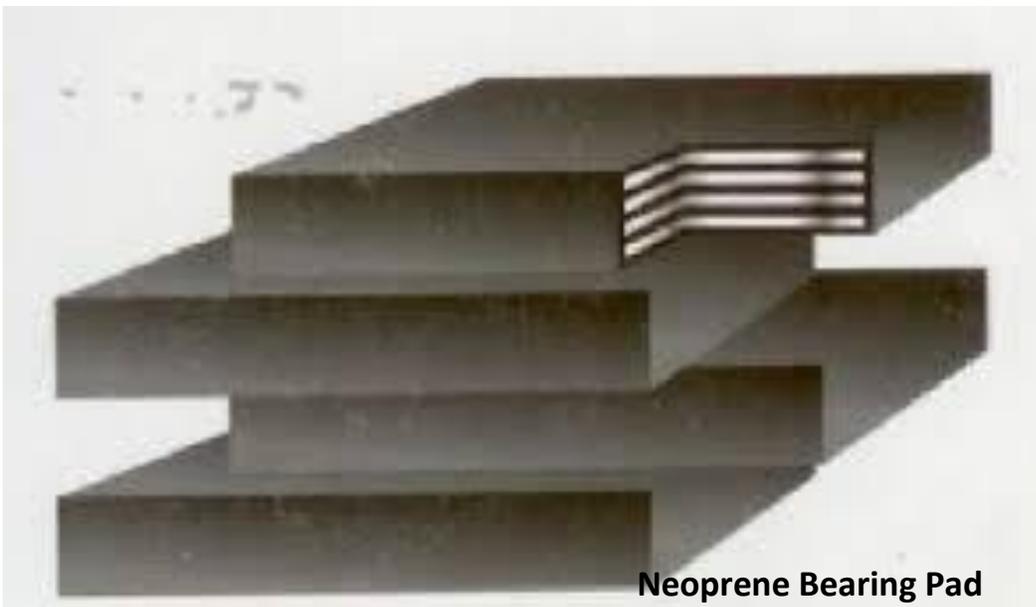
5mm
6mm
8mm
10mm
12mm
16mm
20mm
25mm



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NEOPRENE BEARING PAD (MORTH & R.D.S.O, DGS & D APPROVED)



Neoprene Bearing Pad



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NEOPRENE BEARING PAD (MORTH & R.D.S.O, DGS &D APPROVED)

ADVANTAGE OF NEOPRENE ELASTOMERIC BEARING PAD

AS efficient bearing plates for pre- cast, pre-stressed concrete or steel beams

In Bridges and building, neoprene pad- plane and laminated -Manufactured By Siddhi permits a smooth and uniform transfer of load from the beam to the Substructure and allow beam rotation at the bearing. Due to deflection of the Beam under load. They further allow lateral and longitudinal movement of the Beam Caused by thermal forces. Neoprene pads have no moveable parts and Thermal Expansion and contraction are absorbed by the pads enable to give And take in Shear .There is no sliding motion Between Pad and beam or between Pad and Abutment.



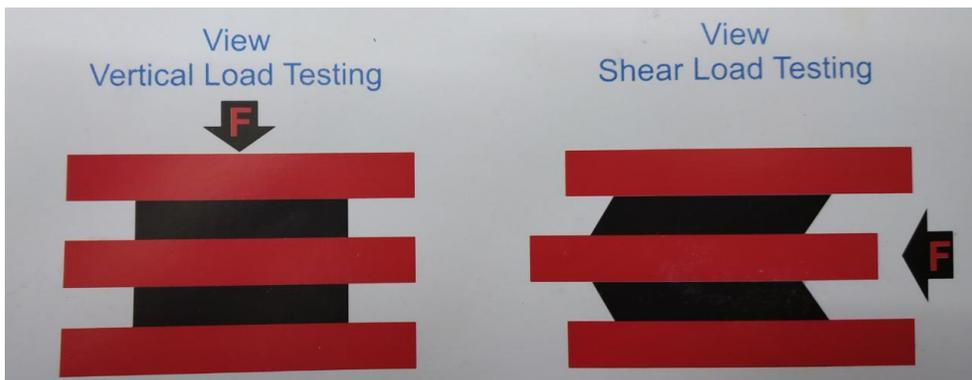
QUALITY CONTROL

Lab is equipped with latest instruments like Tensile, IRHD hardness Tester, tension set Apparatus, Air oven, Muffle furnace humidity Chamber, high voltage tester, Bi-Axial testing Machine, all instruments are calibrated from. NABL certified lab



View vertical Load testing

view shear Load testing





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NEOPRENEBEAR

Physical Properties as per standard
IRC-83(part- II)
With Steel Lamination

Physical Properties as per standard
ASTMD-15(Part B)
without Lamination

SL. No.	TYPE OF TEST	UNIT	SPECIFIED	UNIT	SPECIFIED DURO 50	SPECIFIED DURO 60	SPECIFIED DURO 70
1.	Tensile Strength (ASTMD-412)	Kgf/cm2 MPA	175 Min	Kgf/cm2 Psi	175 2500(17 Mpa)	175 2500(17 Mpa)	175 2500(17MPA)
2.	Elongation at break (ASTMD-412)	%	400 min	%	450	400	300
3.	Hardness (ASTDM-2240)	Shore -A	60+5	Duro Meter	50+5	60+5	70+5
4.	Compression Set (ASTDM-395)	%	35 max 100 ⁰ Cx22HRS	% 70 ⁰ Cx22HRS	25 Max	25 Max	25 Max
5.	Aging test (ASTDM-573) at 100 ⁰ For Hour						
	a. change in tensile strength	%	-15 Max	%	+15 Max	+15 Max	+15 Max
	b. change in elongation	%	-40 Max	%	+40 Max	+14 Max	+14 Max
	c. change in hardness	Shore-A	+15	Duro Meter	+15 Max	+15 Max	+15 Max
6.	Adhesion Test	KN/mtr	7 min	-	-	-	-
7.	Shape Factor	-	-	6-12	-	-	-
8.	Tear Resistance (ASTDM 624)	-	-	Kgf/cm2	45 min	45 min	45 min
9.	Ozone resistance (ASTDM1149) At (1ppm in air by volume/20%) Strain/38±1 ⁰ c)100 hours	-	No crack	-	No Crack	No Crack	No Crack
10.	Low temperature stiffness at (-4.4 ⁰ C young's modulus (ASTDM-797)	-	-	Kgf/cm2	700 10,000	700 10,000	700 10,000



Bi-Axial Testing Machine



Calendaring Machine



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NEOPRENE BEARING PAD

TECHNICAL DATA SHEET:

PLAN DIMENSION SHOULD BE AS PER SERIES

- lo overall length
- bo over all width
- l Effective length (excluded side cover)
- b Effective width (excluded side cover)
- c Thickness of side cover
- h Total height of elastomer
- hs Thickness of steel plate
- hi Thickness of elastomer
- he Thickness of top/bottom elastomer
- n .No of layers of elasstomer

1. lo/bo<2
2. hi(mm) 8 10 12 16
(Thickness of polymer)
3. hs(mm) 3 3 4 6
(Thickness of steel plate)
4. C(thickness of side cover) 6
5. S(shape factor) 6 to 12

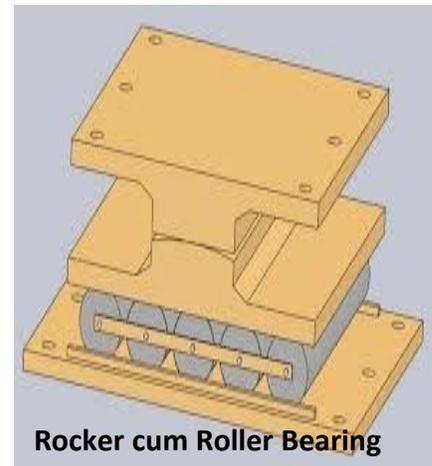
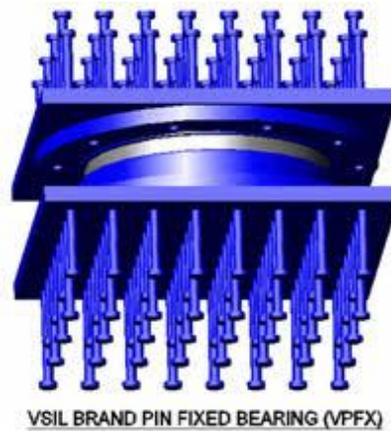
Total thickness of Bearing pad

$$H=n. Hi+2. He+(n+1).Hs$$

Size	Effective Area Ax10-4mm	Max . Loan Nmax KN	Min. Loan At20 MpaKN	Polymer Thickness hi(mm)	No. of Layers	Total Height h(mm)	Shape Factor S	Elastic Modulus Mpa	Shear Modulus kgf/cm ²	Hardnew Store-A
200x350	6.35	635	127	8	4	40	7.91	325 217	9.22	57
250x300	6.85	685	137	8	5	48	8.14	342 228	9.14	56
250x400	9.23	923	185	10	4	50	7.37	286 190	9.25	57
250x500	11.16	1161	232	10	4	50	8.00	334 222	9.15	56
300x400	15.00	117	223	10	4	60	8.26	353 235	9.30	57
320x500	15.00	1500	300	10	5	60	9.44	444 293	9.65	60
350x450	14.80	1480	296	12	5	72	7.95	328 218	9.4	59
300x600	16.93	1693	339	10	5	60	9.66	461 308	9.22	57
400x400	15.05	1505	301	12	5	72	8.08	342 228	9.65	60
450x500	18.93	1893	379	12	5	72	9.00	406 270	9.42	59
400x800	30.60	3100	600	12	5	72	10.83	534 356	9.35	58
550x550	28.94	2900	579	12	5	72	11.20	574 382	10.55	62

BRIDGE BEARING

A bridge bearing is a component of a bridge which typically provides a resting surface between bridge piers and the bridge deck. The purpose of a bearing is to allow controlled movement and thereby reduce the stresses involved. Movement could be thermal expansion or contraction, or movement from other sources such as seismic activity. There are several different types of bridge bearing which are used depending on a number of different factors including the bridge span.





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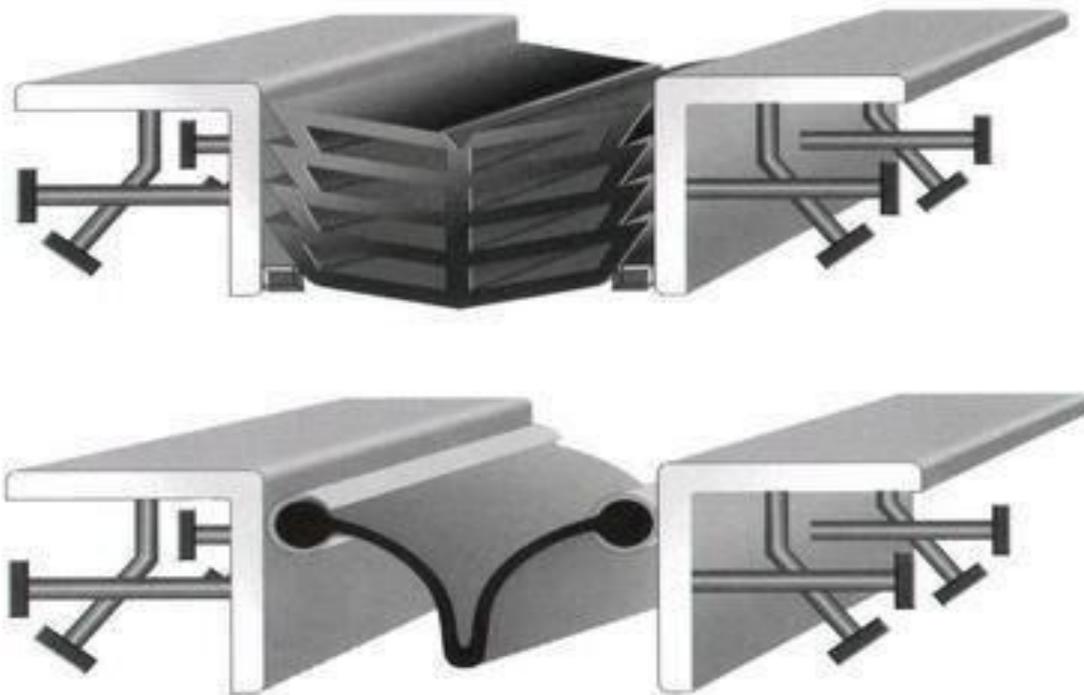
INSPECTION & TESTING

We have in – hours testing in order to determine our products suitability for a specific application. Testing Facilities are able to offer a variety of tests which assist us in proving that products are fir for applications complete as per IRC and Ministry of road Transport & Highways



BRIDGE EXPANSION JOINT (MORTH APPROVED)

Siddhi expansion joint consist of steel armored nosing at two edges of the joint gap suitably anchored to the concrete deck and a preformed EPDM/ Polychloroprene elastomeric compressed and fixed into the joint gap with special adhesive binder . The seal is supposed to remain in continual compressed due to pressing of the seal wall against joint faces throughout the service life to ensure that joint remains watertight and capable of repelling debris.

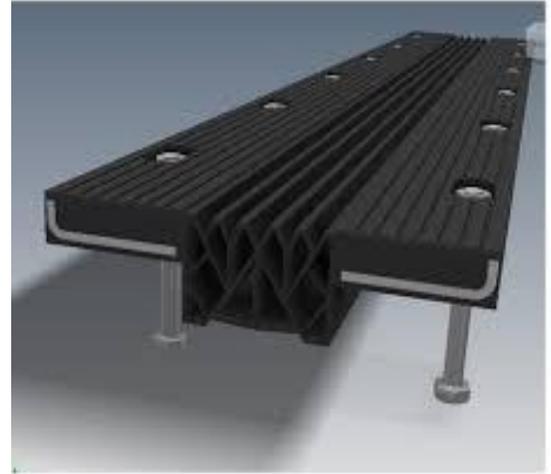


BRIDGE EXPANSION JOINT

The prime functional requirement of a joint is to cater for movements With very low resistance or with no resistance at all. The design of the Expansion joint is capable of accommodating all movements of the deck Viz. translation and rotation, and also capable for all loads acting on it And Local actions under all weather conditions

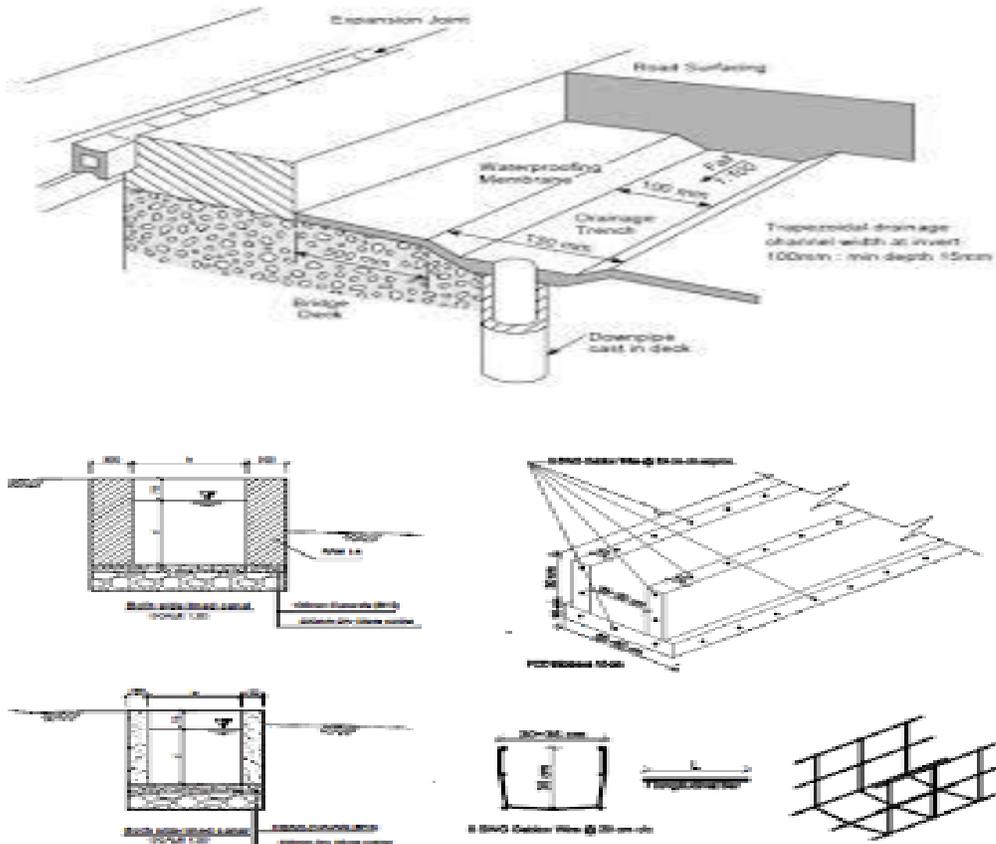
The Expansion joints is performs the following basic functions.

- (1) should permit the expansion and contraction of the span to which It fixed without causing any distress or vibration of the structure.
- (2) Cause no inconvenience to the road user and offer good riding Comfort.
- (3) Should be capable of withstanding the traffic loads including Dynamic effects.
- (4) Should be watertight and capable of expelling debris without Clogging.



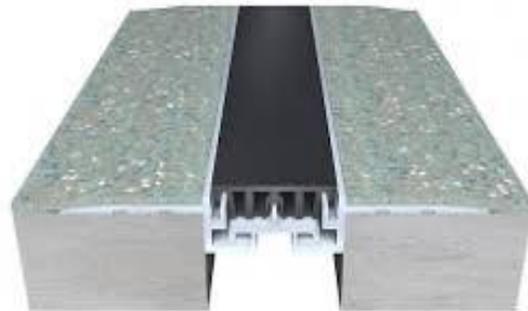
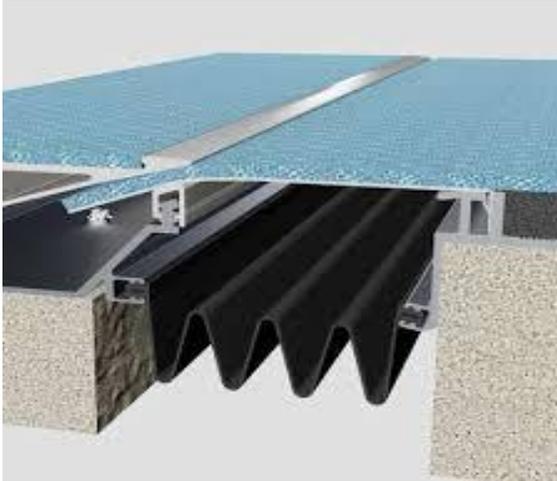
MOVEMENT AND ROTATION

Siddhi expansion joint allow movement all the three Direction and rotation about all three axes.



MULTIPURPOSE EXPANSION & CONTEACTION JOINT

Bridge series are performed Elastomeric compression seals which allow you to effectively seal expansion joint with filed proven long life and service capability .The Elastomeric Expansion Seal have highly resistance to deterioration from exposure to weather, Sunlight, oil and impacted load high recovering resistance, Tear resistance and excellent Compression set, Chemical resistance high Elastic modulus good resistance against low and high temperature.

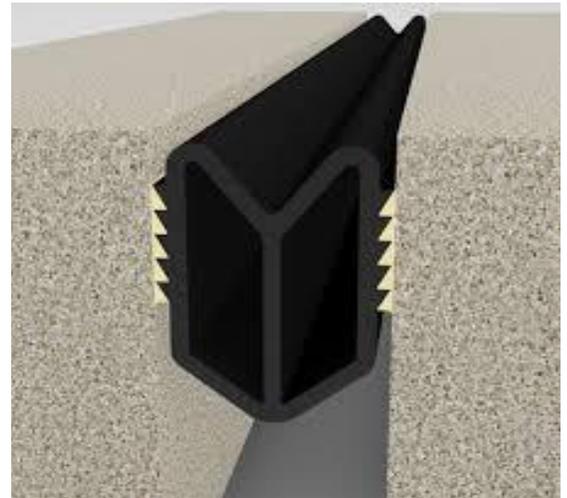


TYPICAL APPLICATION



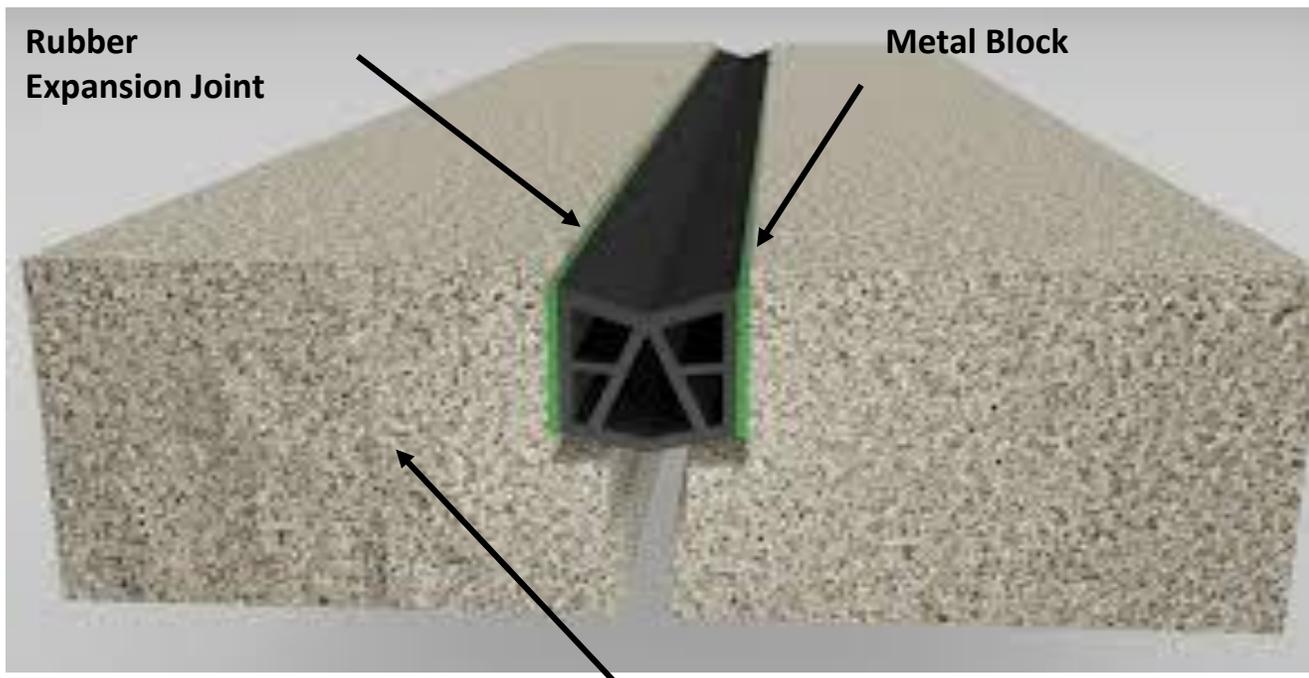
MULTIPURPOSE EXPANSION & CONTRACTION JOINTS

Elastomeric Expansion joint is a watertight continuous Membrane System for joint movement up to 120mm in Bridges, parking decks and other vehicle traffic, It uses Mechanically fasted Elastomeric Anchor blocks with Insert steel duty plates for fixing rubber Expansion joint To support heavy duty and high impacted load .Reinforced Elastomeric joint is mechanically sealed between the Rubber block and concrete slab, An epoxy paste adhesive Is Applied both side of rubber to enhance the products Water tight. Siddhi have versatile design for bridge, parking Deck and different Structure where movement required



Cross Section

TYPICAL APPLICATION





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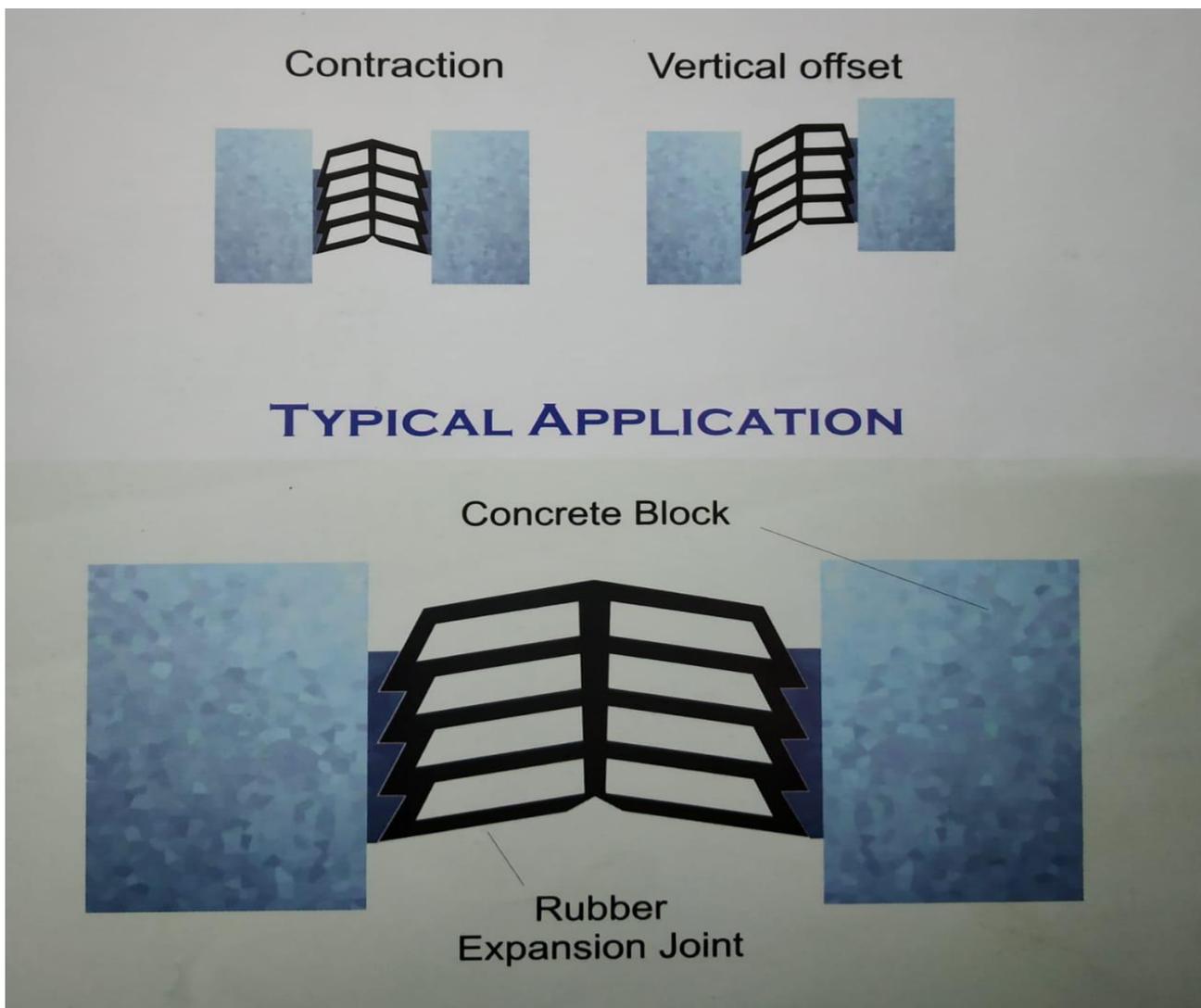
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MULTIPURPOSE EXPANSION & CONTRACTION JOINTS

The high quality Elastomeric Seal is inserted into specially designed and machines locking easily provided in the steel retainers. The system can be anchored with Elastomeric concrete structure.

FEATURES:

- Water Resistance Sealing
- Heavy duty sealing
- Easy to install
- Impact absorbing
- Floor & wall application
- Resistant to ozone, chemicals, oil & fuel





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HOT SEALING COMPOUND AS PER IS 1834/1984 FOR CANAL LINING

INTRODUCTION

A sealing compound should display good adhesive towards concrete so that it does not crack during expansion & contraction of slab. It should be durable & elastic to prevent any foreign material to enter the joints during the rainy season. Its temperature susceptibility is low as the excessive flow during the summers is prevented.

SIDDHI SEALING COMPOUND GRADE "A" AS PER IS: 1834/1984:

It is a rubberized Bitumen compound for hot joint sealing of preformed gap in concrete Construction over Siddhi expansion joint filler to prevent cracking .

Optimum pouring Temperature-(160⁰c to 185⁰c)
Safe Heating Temperature - (198⁰c)

TYPICAL APPLICATION OF SEALING COMPOUND Sealing Compound depth 25mm



The quantity of hot sealing compound required per 100 running meter joints per 25mm deep with various thicknesses is mentioned below

ADVANTAGES:

1. Excellent Adhesion properties.
2. Prevents deterioration of joint edges.
3. Shock absorbent, durable.
4. Flexible at low temperature.
5. Unaffected by de-icing salts.

Thickness of joints

12mm

18mm

25mm

5% allowance shall be made extra for wastage etc.

Quantity

Required (KG)

40kg

60kg

80kg



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SIDDHI EXPANSION JOINT FILLER BOARD AS PER IS- 1838/1983

DESCRIPTION:

Siddhi expansion joint filler board is made compressed dry wood fibers impregnated with bitumen prior to being compressed to ensure that to prevent cracking due to change in the weather and allows joint to freely expand in summers and contract in winters without damaging the concrete slabs. It also prevents deposition of foreign material that helps free movement of concrete during expansion & contraction and thus prevents cracking.

SRU filler board have excellent resistance to compression and outstanding recovery characteristics, high resilience property gives more than 80% recovery



While using bitumen filler board as waterproofing, expansion & contraction in construction because of its unique property of bitumen long chain of hydro carbon molecules, the molecular activity becomes slow at low temperature in winter season and increase at high temperature (summer season). This behavior of molecules gives resistance of waterproofing and expansion and contraction.



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SIDDHI EXPANSION JOINT FILLER BOARD AS PER IS- 1838/1983

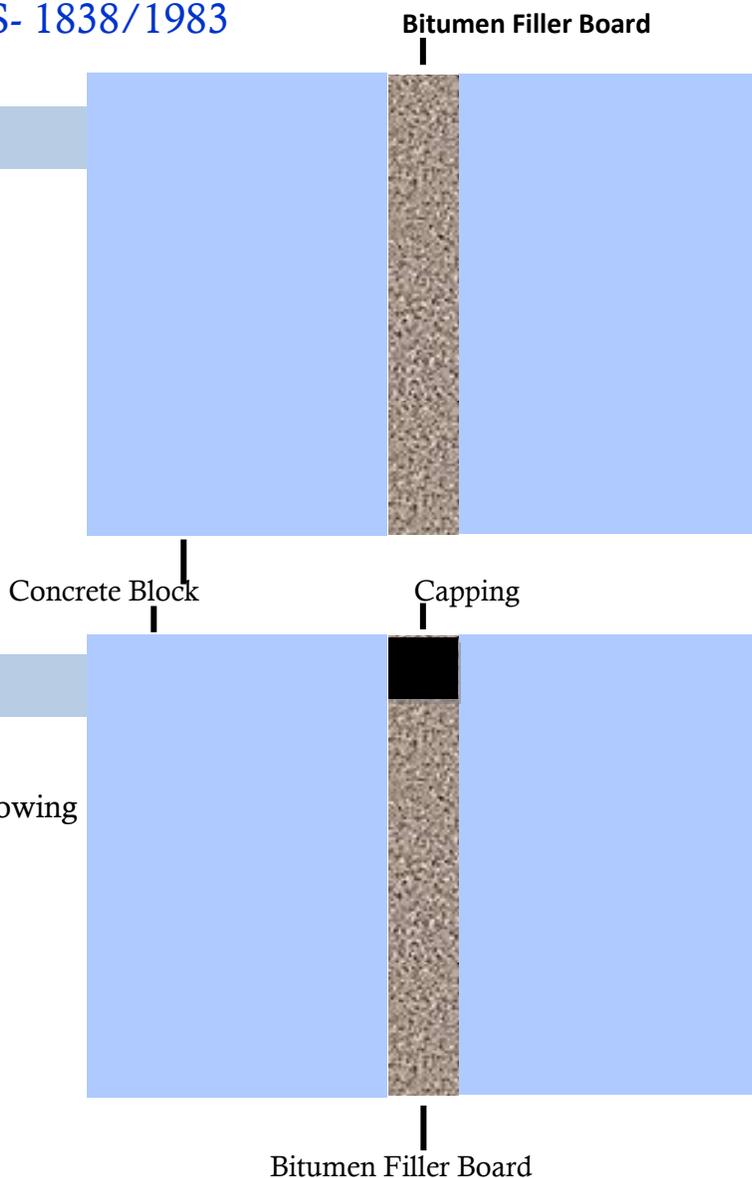
APPLICATION:

- Traffic surface & internal surface
- Building structure
- Reinforcement concrete structure
- Bridge, Highway, Road, etc.

PHYSICAL PROPERTIES:

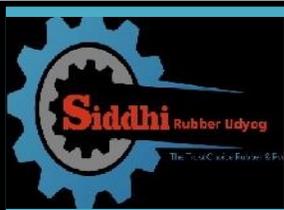
Siddhi expansion joint filler board confirming of the following Required standard:

- IS-1838(Part -I)1983
- ASTM- 1751
- B.S.1142for standard
Specification for expansion joint filler



SIZE AVAILABLE

Thickness	Length	Packing
12mm	4feet x 4feet	8 sheet in wooden crates
18mm	4feet x 4feet	8 sheet in wooden crates
20mm	4feet x 4feet	8 sheet in wooden crates
25mm	4feet x 4feet	8 sheet in wooden crates



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DURA BOARD HD100 AS PER IS-10566

Siddhi Rubber Udyog DURA board HD100 is a cross-linked, pre-moulded, high performance joint filler board. It is really compressible and ensures low load transfer.

Features & Benefits:

- closed cell
- excellent chemical resistance
- thermally stable (from -40°C to + 70°C)
- Bitumen Free
- Resilient –recovers more than 96%
- Easy to use
- Rot proof and bacteria resistant



Technical Specifications:

Property	Units	DURA Board HD 100 Typical Value	Test Method
Density	Kg/m ³	100±10%	ASTM-D3575
Water absorption	Kg/m ³ of cut surface area	0.080 max.	ASTM-D 3575
Compression Deflection & Recovery % Without Weathering	%	94% min.	Highway Clause 1015
Compression Deflection & Recovery % With Weathering	%	92% min.	Highway Clause 1015
Extrusion	Mm	3mm max.	Highway Clause 1015
Alkali resistance		No effect observed	AS-1350-460.2-1982
Weathering test		No disintegration	Highway clause 1015

Applications:

- Structural expansion joints in concrete brick and block work
- Isolation to infill panels
- Bridge decks support for sealant
- Expansion joint in concrete highway, airport runways, taxi tracks etc.
- Expansion joints in parking areas, industrial flooring etc.
- Water retaining and water excluding structures.

Available in thickness ranging from 8mm to 100 mm Sizes.

- 1MTR x 2MTR
- 1.2 MTR x 2.4MTR

Other thickness and Size also available in request



SIDDHI RUBBER UDYOG

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ARMOUR BOARD

Siddhi Rubber Udyog is resistant, closed cell, polymer based expansion joint filler material for RCC columns, walls and slabs. Its excellent recovery (after compression) makes it suitable product for this applications. It is an exclusive product, designed to be used as expansion joint filler in buildings.

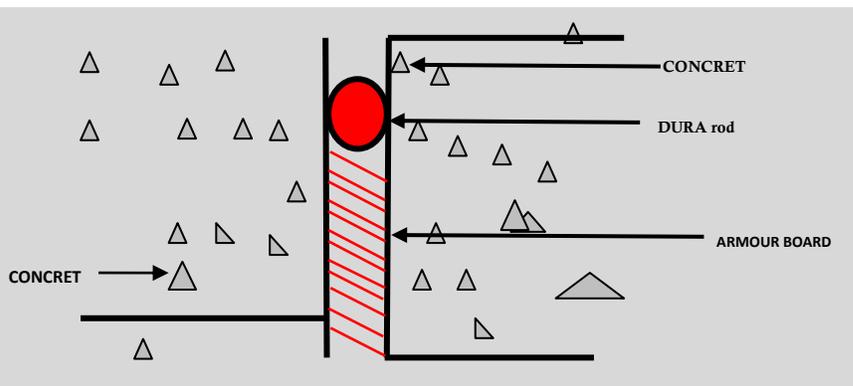
Features & Benefits:

- Closed cell –Negligible water /moisture absorption
- Bitumen free-Non –staining, non –impregnated and non- bleeding. Does not disintegrate
- Easy to use – No crumbs, dust or fibers. Can be cut with knife for easy installations.
- Excellent chemical resistance – Unaffected by alkalis alcohols, detergents, petrochemical products etc.
- Excellent recovery, hence can accommodate joint movement
- Does not discolor sealants or architectural substrates.

Technical Specifications:

Parameters	Units	Amour Typical Values	Test Method
Water Absorption	Kg/sq.mtr.	0.45Max.	ASTM- D3575
Density	Kg/cu.mtr.	28 Min.	ASTM – D3575
Compression strength(25% deflection)	Kg/sq.mtr.	0.21Min.	ASTM – D3575
Compression Set	%	25% Max.	ASTM – D3575
Tensile strength	Kg/sq.cm.	1.8 Min.	ASTM – D3575
Elongation	%	60Min.	ASTM – D3575

Diagrammatic Representation:



Applications:

- structural expansion joint in building
- Building brick and block work
- Isolation joints between adjacent contractions, building, around manholes, drains and other insets in concrete etc.

Applications:

Providing fixing desired thickness of Armor of dawn color, manufacture by the Siddhi Rubber Udyog thickness built up using minimum 10 mm specifically extruded high performance sheet minimum density 28kg/cu.mt compression strength of 0.21kg/sq.mtr. When tested as per ASTM D 3575, manufacture by the Siddhi Rubber Udyog of 1.4 m x 2mtr. at places per sq.mtr to the casted surface to from the expansion joint . ARMOUR will become one side of the shuttering while the expansion joint is being created.

RUBBER INSULATING MATS AS PER IS – 15652/2006

DESCRIPTION:

We Manufacture insulation mats according to IS 15652/2006 with advance technology and more stringent quality control specially safety parameters. This particular standard is set by the international electro Technical Commission. They are highly electrical resistant. These non- conductive matting protects as well as insulate from the mortal shocks that are generated by high voltage equipment.

We recommend a thickness ranging from 2mm to10mm (higher thickness is also available) depending upon the use working voltage resistance with anti-skid textured surface on the top & smooth lower surface. All the electrical insulation matting that we deliver are moisture, water and leakage proof that guarantee a long functional (service) life. They are oil, acid and fire resistant too. Manufacturer's Test certificate is provided with the supply.



SPECIFICATION:

Product Code	Class	Recommended Thickness	Max use/Working Voltage	AC Proof Voltage	Di-electric strength(withstand Voltage)	Approx weight per Sq Mtr
IEC001	0	3.0 mm	1.0KV	5.0 KV	6.0 kgs	5.0 Kgs
IEC002	1	4.0 mm	7.5KV	10.0kv	20.0 KV	7.0 Kgs
IEC003	2	5.0 mm	17.0 KV	20.0 KV	30.0 KV	8.0 Kgs
IEC003	4	6.0 mm	26.5 KV	30.0 KV	40.0 KV	9.0 Kgs
ASTM CD (Custom)	-	Upto 25.0mm	Upto 36.0KV	Upto 40.0 KV	Upto 50.0 KV	-

APPLICATIONS:

- Near HT/LT Control Panels
- In front of switchboards
- Electrical Substations
- Around Buss Bars
- Outdoor /Indoor On Site use on lift Room



SIDDHI RUBBER UDYOG

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INSULATING MATS FOR ELECTRICAL PURPOSE IS: 15652/2006

SIZE:

As per IS standard width is normally 1Mtr x 2Mtr., 1.2Mtr.x 2Mtr. And long length as per customer requirements.

MARKING & PACKING:

AS Per IS: 15652 (clausse9)

SURFACE:

Upper surface of the mat is having small anti-skid aberration (rough surface without edges) to avoid slippery effects and lower surface is plain.

SALIENT- FEATURES OF ELECTRICAL INSULAATING MATS:

- Tests and specification of insulating mats meets IS: 15652/2006 and tested by ERDA, BIS and self.
- For both ac and current applications.
- Insulating mats having low temperature resistance.
- Insulating mats have acid alkalis transformer oil and diesel oil resistance.
- Excellent flame retardant
- Excellent ageing properties
- Water and moisture proof.

APPLICATION:

- High Voltage panels.
- Power transmission rooms.
- Near buss- bras.
- Near control panels etc.
- High voltage equipment.
- AC plant rooms.
- Workshop
- Indoor or outdoor portable protection element
- Lift machine rooms
- Electrical switch gears



ELECTRICAL PROPERTIES & VOLTAGE TEST:

S.No	Class of Mat	Thickness (mm)	Di-electric strength ac mm(KV)	Proof voltage ac(rms) KV
1	A	2.00	30	10
2	B	2.50	45	22
3	C	3.00	65	36



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INSULATING MATS FOR ELECTRICAL PURPOSE IS: 15652/2006

TECHNICAL SPECIFICATIONS AS PER IS: 15652/2006

S.NO.	Characteristics	Standard Values	
1.	Minimum Thickness	2.0mm	2.5mm
2.	Workmanship and finish	The mat shall be free on both surface from pinholes, cracks, cuts blisters, conduction embedded foreign matter, creases, pinch mark, voids & prominent ripples	The mat shall be free on both surface from pinholes, cracks, cuts, blisters, conductive embedded foreign matter, creases pinch mark voids & prominent ripples
3.	Tensile strength (N/mm ²)	15 Min	15 Min
4.	Elongation at break (%)	250 min	250min
5.	Insulation resistance with water at 5000v	1,00,000MΩ min.	1,00,000 MΩ min.
6.	Leakage current at 11 KV	10mA, max.	10mA, max.
7.	Dielectric strength	30kv ac (rms), min.	45kv ac (rms), min.
8.	Ac proof voltage	Mat shall withstand 10kV ac (rms) for 3 minutes without failure	Mat shall withstand 22kV ac (rms) for 3 minutes without failure
9.	Low temperature resistance at – 10 ⁰ c	Mat shall not show any visible break or crack	Mat shall not show any visible break or crack
10.	Flame retardant	Fire should extinguish within 5 second after removal of blue flame	Fire should extinguish within 5 second after removal of blue flame
11.	Effect to acid, alkali transformer oil, diesel retention of tensile strength (N/mm ²) & elongation	80% min.	80% min.
12.	Ageing properties at 70±1 ⁰ c for 168hrs. retention of tensile (N/mm ²) & elongation(%)	75% min.	75% min.



SIDDHI RUBBER UDYOG

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NATURAL RUBBER SHEET

DESCRIPTION:

Siddhi Natural Rubber sheeting is chiefly utilized for implantations that need along with elasticity. Both these factory are combined with resistance towards tearing, cut, abrasion and even low temperatures. The base of these sheets is Natural Rubber which is derived from latex, a liquid extracted from rubber plantations. The sheet is known for their noteworthy mechanical properties, high resilience, superior elongation, low compression set, and flexibility feature too.

They are quality tested and made of organic material to withstand tough applications such as salts, mild acids, alkalis and other types of chemicals. Pure Grade Rubber Sheets (PGRS) are produced with high percentage of top quality natural rubber to enhance the properties of natural Rubber Sheet every respect compared to commercial or standard Grade.

Siddhi PGRS are designed to be extra flexible and ensure trustworthy low compression durability. Further, they are always quality tested because of being immensely demanded across industry verticals.



Natural Rubber Sheet



Natural Rubber Sheet

APPLICATION:

Siddhi Natural Rubber Sheets are used as:

- Gasket and packing Material
- Anti-abrasion Rubber Lining for Materials Handling
- Vibration Isolators and Seals
- Shot Blasting Room Cover

Technical Specifications:

- Thickness : 0.5 mm to 100 mm
- Width : upto 1500 mm
- Length : 02Mtr to 10 Mtr
- Tensile strength & Elongation at Break





SIDDHI RUBBER UDYOG

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NEOPRENE RUBBER SHEET

DESCRIPTIN:

Neoprene Rubber Sheet are manufactured by utilizing polychloroprene or chloro –Butadiene synthetic rubber Neoprene rubber is an all –purpose elastomer & an extremely versatile synthetic rubber used in thousands of application. These rubber sheets are usually addressed by the trade name of neoprene but the product needn't by directly associate with the brand.

Neoprene Rubber Sheet are characterized by their balance of properties which is distinctive among the synthetic elastomers.

This rubber sheet are maintains its flexing, twisting, strength and elongation very well over an extensive temperature range while having exceptional physical toughness. Hence, these sheets can perform convincingly in any environment which makes them very popular in the industry.

Siddhi products with its qualitative Neoprene Rubber Sheeting products can be utilized for outdoor application. The sheeting are a good choice while working with alkalis, acids and material oils. Their acceptance in the industry is very wide due to its unique mechanical strength, low in flammability, moderate resistance to oils and high resistance to ozone, heat and weathering.



APPLICATIONS:

Siddhi Neoprene Rubber Sheet is used for:

- Rubber Laminated Bearing
- Food Industries
- Fire/flame Retardant usage
- Sealing and Bearing
- Tank and pipe Rubber Lining

Ordering info:

- Dimension (Thickness x width x Length)
- Application /End use
- Working Temperature in °C
- Specific Gravity
- Total Quantity Required
-



SIDDHI RUBBER UDYOG

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DESCRIPTION:

Nitrile Rubber sheets also abbreviated as NBR sheet are usually considered to be the work house of automotive and industrial Rubber products industries. These sheeting are specially designed for preventing oil attack which shows that its mechanical properties stay intact even when they are directly in contact with oils and grease. Thus NBR sheeting product is utilized in a wide variety of application areas that require fuel, oil & chemical resistance. These products by various Nitrile Rubber Sheet suppliers have a temperature range of -30 to 120^o C which makes them tolerate even the harshest of automotive application. The exclusive balance of chemical, oil, cold and heat resistance allows it to function well in a large variety of industrial and automotive application.

Siddhi is here with its wide range of Nitrile Rubber Sheeting and we can even provide customize solutions as per Customer requirements.



APPLICATION:

Siddhi Nitrile Rubber sheet is used for

- Base sheet for Electrical Transformers
- Industrial Maintenance
- Covering for Areas exposed to fuel and oil
- Sealing and joints
- Electrical Installations

Ordering info:

- Dimension (Thickness x width x Length)
- Application /End use
- Working Temperature in ^oC
- Specific Gravity
- Total Quantity Required



SIDDHI RUBBER UDYOG

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SILICONE RUBER PRODUCT

SILICONE RUBBER SHEET:

Application Recommended for High Temperature And Resistant to Wide range of chemical In pharmaceutical, fertilize, steel Industrial Dairy Plants, Auto Industries etc.

Construction

Surface Smooth vulcanized surface of silicon Rubber
Temp. -40⁰ F to 900⁰ F
Dimensions Thickness: 1.5mm to 50 mm



SILICONE RUBBER PRODUCT:

Silicon Transparent tubing are used in some of the surgical Operation equipments, food industries, dairy equipment Industries and auto winding machine. They are nontoxic Inner.



ADVANTAGE:

- Wide service temperature range – 50⁰C to 300⁰c.
- Toxicologically and physiologically inoffensive.
- Excellent ageing property.
- Compression set resistance.
- Excellent resistance property at low and high temperature.
- Good flame resistance.
- Food safe.
- Very good chemical resistance.

FOOD SAFE, RESISTANT TO CHEMICALS:

The low temperature flexibility is inherent to the material and Therefore, plasticising additives are not necessary. Most types Of silicon are physiologically compatible as well as inodorous And insipid. Silicon does not adhere to sticky surfaces and is Excellent,

APPLICATIONS:

Sealing for refrigerators and freezers, cooling units production of food, milk And beverage, medical and laboratory equipment,





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EPDM RUBBER PROFILE (WITH MICRO WAVE CURING) CLOSED CELL INSULATION TUBE (EPDM)

Sponge Tube: These are made out of high molecular EPDM sponge Rubber with low specific gravity 0.30gm/cc to have very fine closed cell structure. The uses of sponge tube in air conditioned pipe insure no effect of the engine heat on the tubes meant for cooling I.e. no gain of temperature due to air pockets. Sponge tube is idea insulation for cold and hot water plumbing .it prevents heat gain and condensation problems and also prevents heat loss from hot water plumbing.



WATHER STRIPS WIND SHIELD (SOLID EPDM RUBBER PROFILE):

These are used for fixing of front, rear or back glass of the body of the vehicle. They are designed to ensure proper fixing of glass to bear the wind pressure to hold the glass in the position and also prevents from water leakage in the rainy season.

Siddhi Rubber Udyog product all types of EPDM solid Rubber and also manufacturing EPDM flam resistance profile to give flame resistance up to 30 to40 seconds at continues burning.

PROPERTIES OF EPDM RUBBER:

It has very good properties in cold and hot region I,e weather ozone & Water resistance at wide range of service temperature (- 50°C to 140°C) With good resilience properties at low and high temperature, excellent Heat ageing properties and acid resistance properties.

THE MAJOR PRODUCTS ARE:

1. wind shields
2. Bus body building
3. Glazing windows rubber
4. Building Profile
5. Railways door and windows profile
6. Container Seal
7. Sponge sleeves for insulating
8. Sponge door rubber



MICRO WAVE CURING LINE

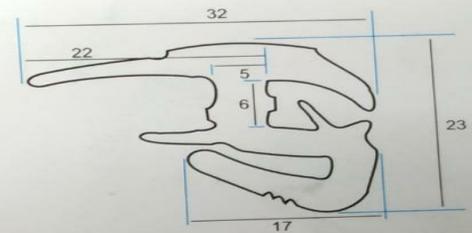
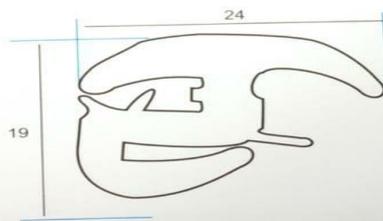
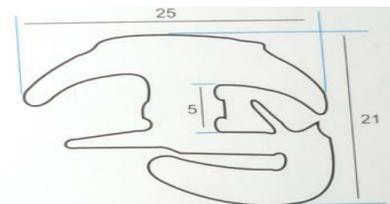
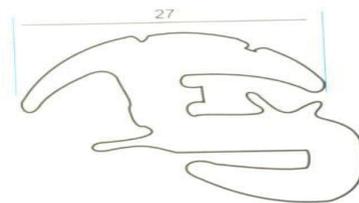
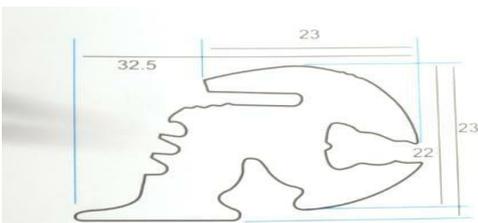
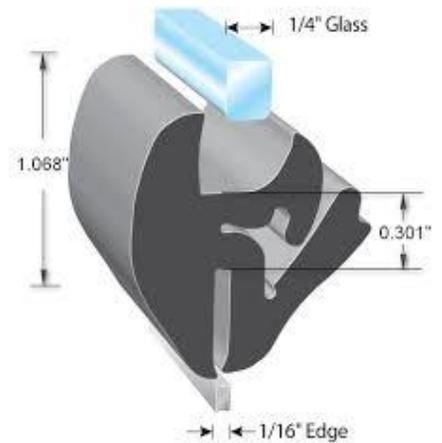
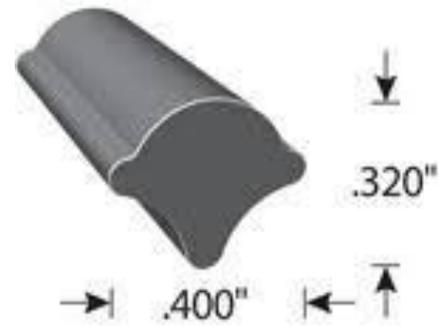
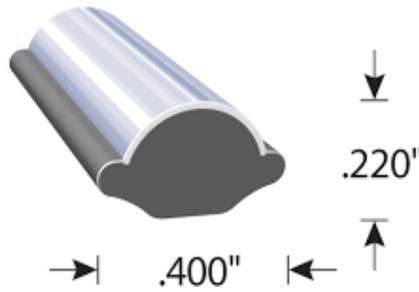
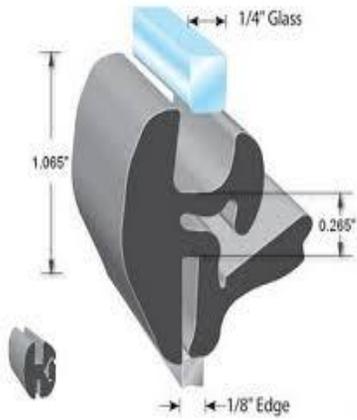


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EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)

WINDSHIELD PROFILE





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EPDM RUBBER PROFILE (WITH MICRO WAVE CURING) WINDSHIELD PROFILES





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EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)

RAILWAY PROFILE





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EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)

U-TYPE PROFILE





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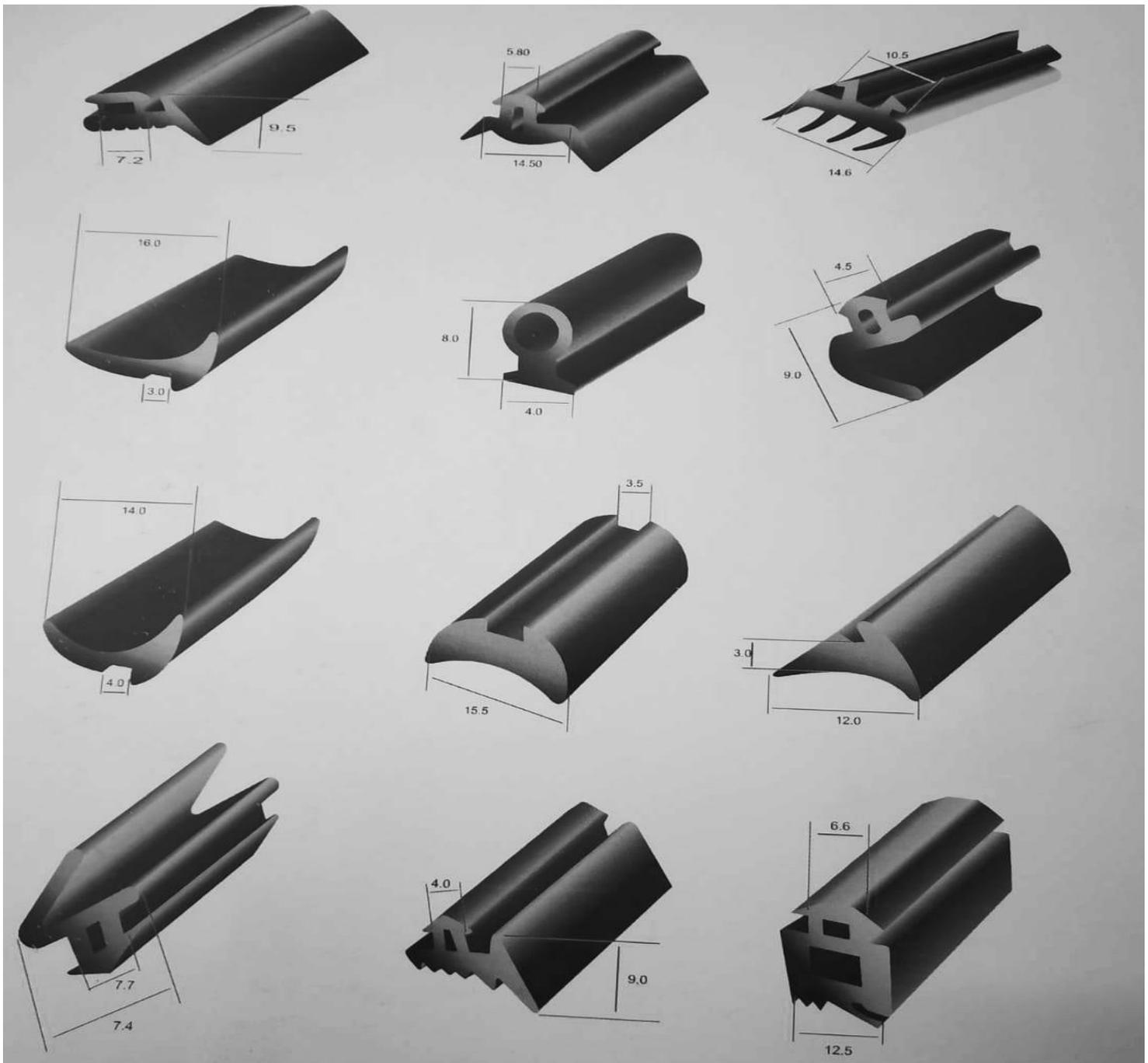
EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)

U-TYPE PROFILE



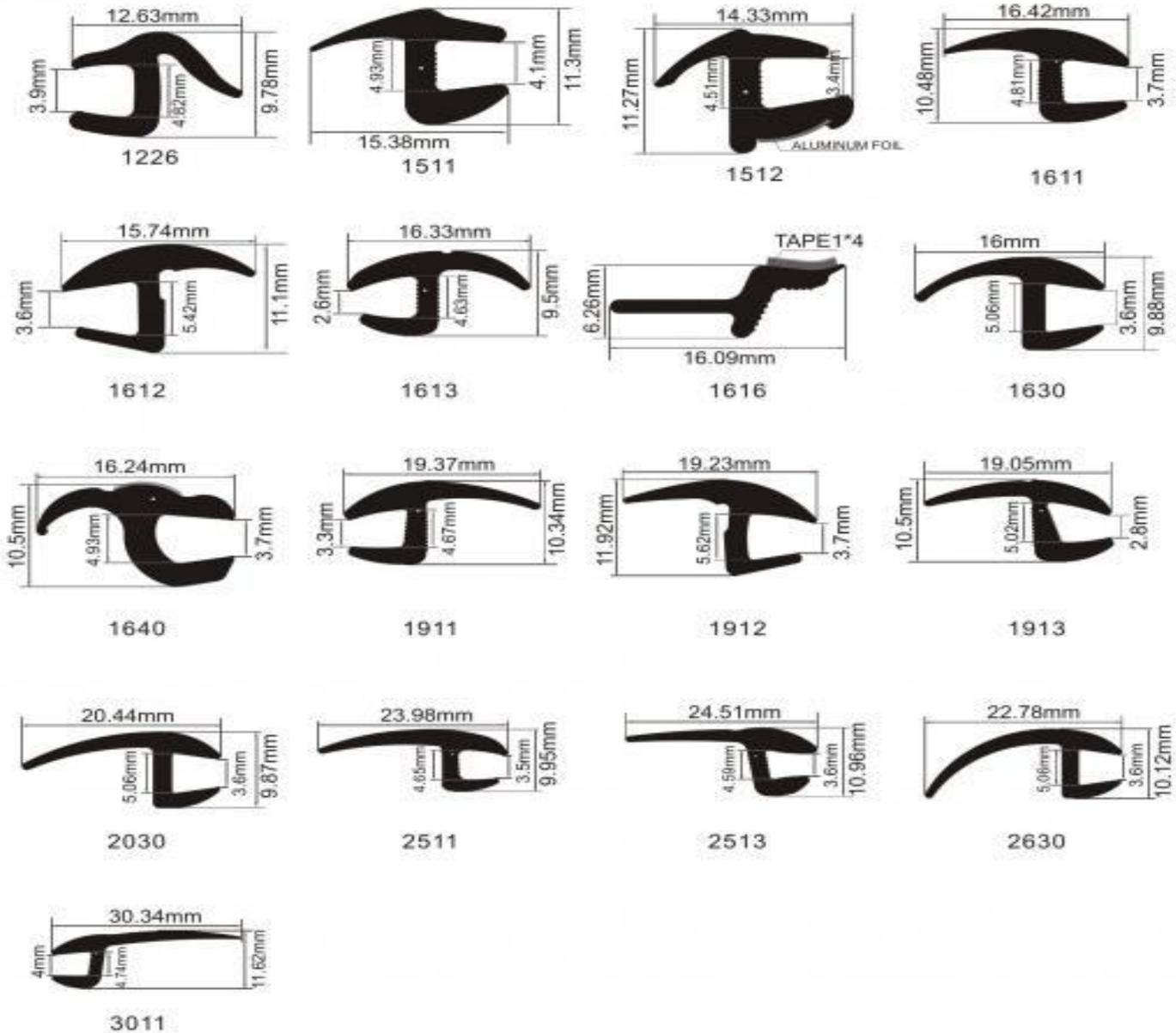
EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)

ARCHITECTURAL PROFILE



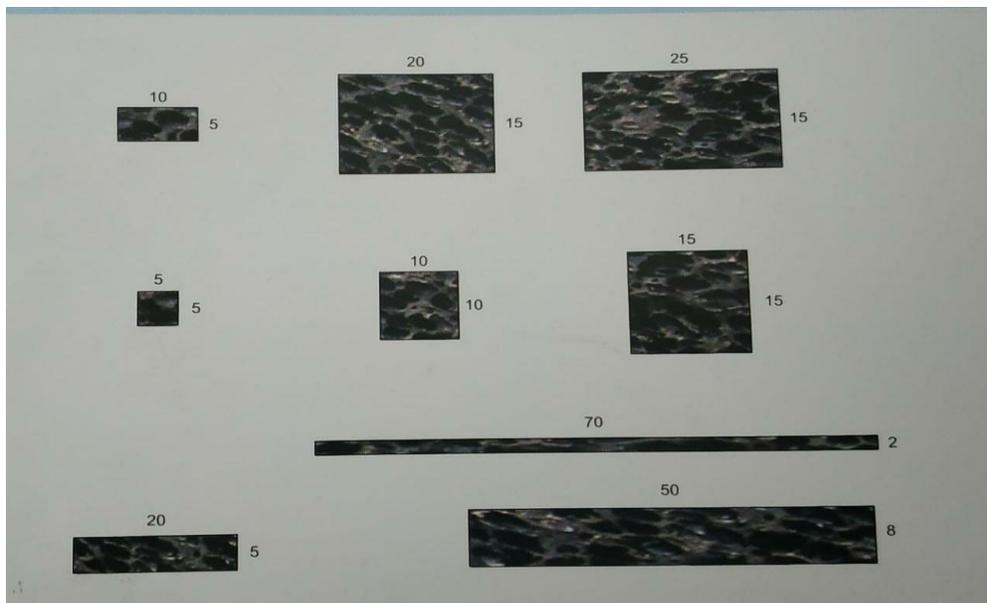
EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)

DOOR RUBBER PROFILE

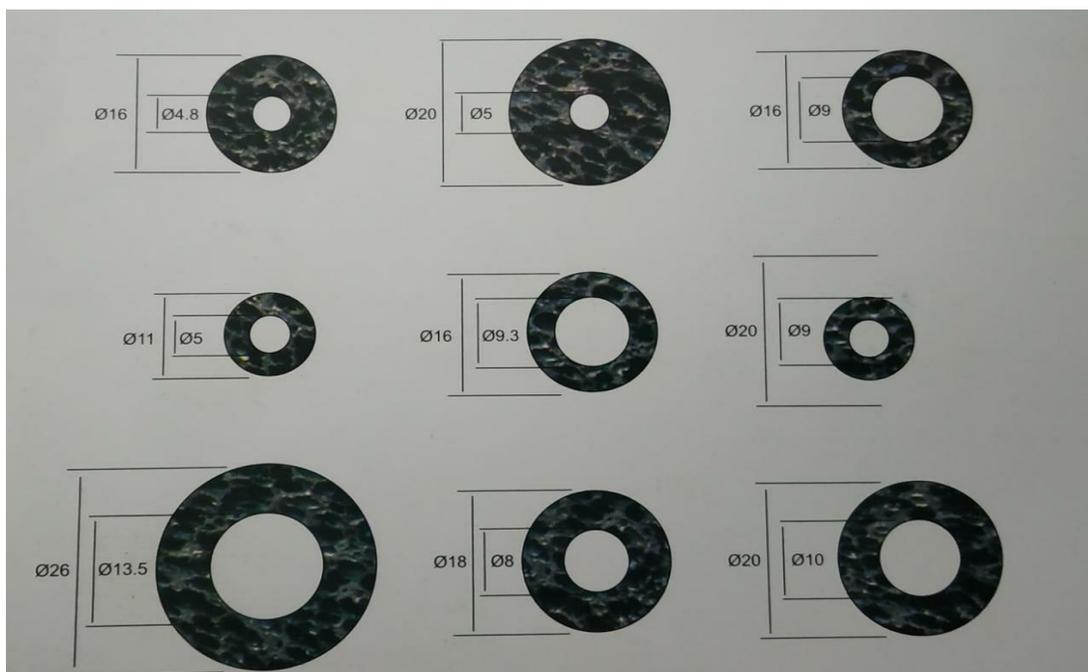


EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)

SPONGE STRIPS



SPONGE TUBES



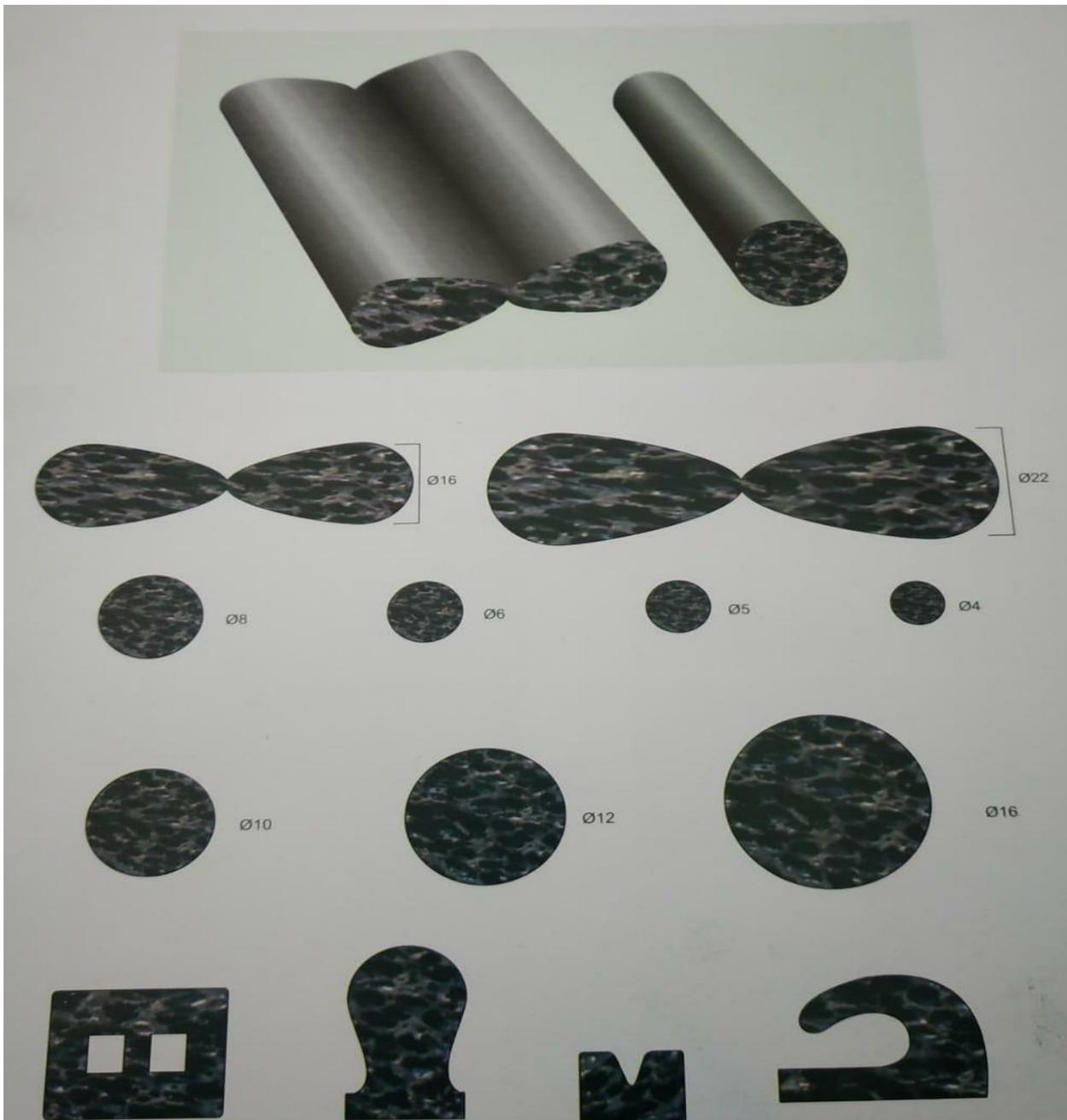


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EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)

SPONGE CORDS



EPDM RUBBER PROFILE (WITH MICRO WAVE CURING)



EPDM SOLID

EPDM SPONGE

Inner diameter In mm	outer diameter in mm	minimum order quantity (in mtr)
7	11	2000
8	13	2000
9.2	13.2	2000
10.4	14.2	2000
10.7	14.2	2000
11	16	1500
12	22	1500
13	20	1500
15	22	1500
23.5	29.5	1000
32	38	1000

Inner diameter In mm	outer diameter in mm	minimum order quantity (in mtr)
5.5	11	3000
6	11	3000
6	15	3000
7.5	18	3000
8	20	2000
8.5	15	2000
9	16	2000
9.5	20	2000
11	20	2000
13.5	26	2000
15	20	2000
15	22	1500
16	24	1500
20	28	1000
20	30	1000
22	30	1000
22	37	1000
24	41	1000

RUBBER CRNER GUARDS

FOR IDEAL PROTECTION OF CONCTRETE STRUCTURES IN
BASEMENT AND OTHER PARKING AREAS

DESCRIPTION:

The corner Guards are designed to protect the edges of columns in structures.

MATERIALS:

They are manufactured using high impact resistant SBR Rubber. They are also available in NEOPRENE and EPDM on request. Standard color is Black. Designs are available with yellow and green strip. Rubber corner Guards are weather resistant, abrasion resistant, crack resistant and do not stain the vehicle.



SIZES:

Rubber corner Guards are available with or without galvanized iron insert clips in various sizes.

WING SIZES:

70mm x 70mm, 80mm x 80mm, 90mm x 90mm, 100mm x 100mm, 120mm x 120mm.

STANDRAD LENGTH:

The standard length of the corner Guard is 1 meter and 1.2meter. Other size is available on request.

INSTALLTION:

The corner Guard are mounted on GI inserts and appropriately bolted into columns by screws. Alternatively they can Be fixed to the column surface using.

RUBBER STOP GUARDS

THE PERFECT WAY TO STOP AVIOD DAMAGES

DESCRIPTION:

Wheel stoppers are designed to provide good energy absorption from vehicle impact, thus protecting the anchor bolts from The impact. The anchor bolts are from direct stress unlike in concrete stoppers where all the force in transferred to the Anchor bolts.

DESCRIPTION:

Wheel stoppers are made of a high impact resistance extruded rubber and have excellent weather resistance, crack Resistance an abrasion resistance quality. Also available in Neoprene and EPDM on request .

SIZES:

Wheel stoppers are available in the following sizes:

Base	Height
	145mm
	100mm
	75mm
	50mm
200	100mm

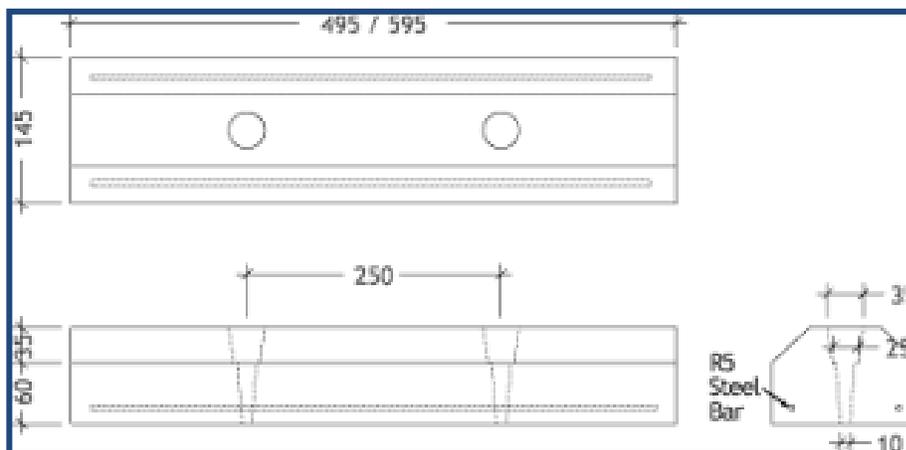


STANDARD LENGTH:

The standard length of the wheel stopper is 1800mm.

INSTALLTION:

Wheel stopper can be fixed using wench anchors by putting counter sunk in the stoppers.





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RUBBER SPEED HUMPS (SPEED BREAKERS)FOR GREATER SAFETY

DESCRIPTION:

The speed Humps are designed to reduce the speed of the vehicle.

MATERIALS:

The speed Humps re made of high impact resistance molded rubber.
They have excellent weather resistant and abrasion resistant quality.

SIZES:

Speed Humps are available in the following Size.

- 250mm x60mm
- 300mm x 60mm
- 350mm x 50mm
- 400mm x 60mm
- 450mm x 60mm
- 500mm x 60mm

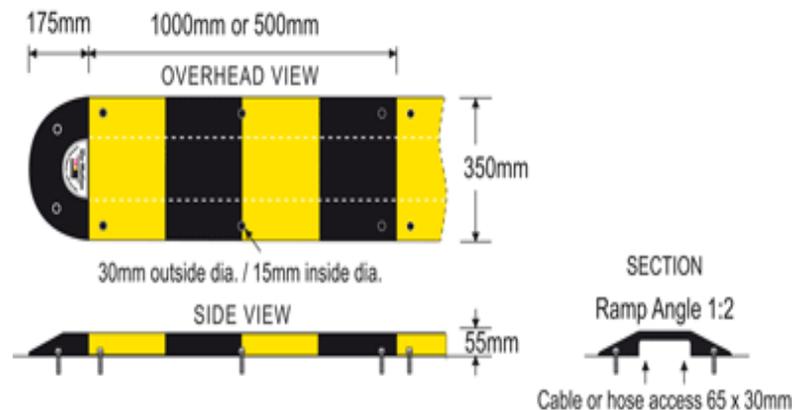


STANDARD LENGTHS:

The standard lengths of the speed Humps are 500mm and 250mm.

INSTALLATION:

Speed Humps can be fixed using fix bolts in
Alternate black and yellow humps with end caps .





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RUBBER WALL GUARDS

AN IDEAL WAY TO AVOID STRURAL DMEGES

DESCRIPTION:

Wall Guards are designed to protect the structures from impact of trolleys and general warehouse traffic. They can also be used protect corners.

MATERIALS:

They are manufactured using high impact resistant Natural Rubber. They are also available in NEOPRENE and EPDM On request. Standard color is black. Designs are available with yellow and green strip. Wall Guards have excellent Weather resistance impact resistance and are stain proof.

SIZES:

Thickness	Width
25mm	200mm
25mm	250mm
25mm	300mm
30mm	120mm
30mm	200mm
30mm	300mm
40mm	200mm
50mm	200mm

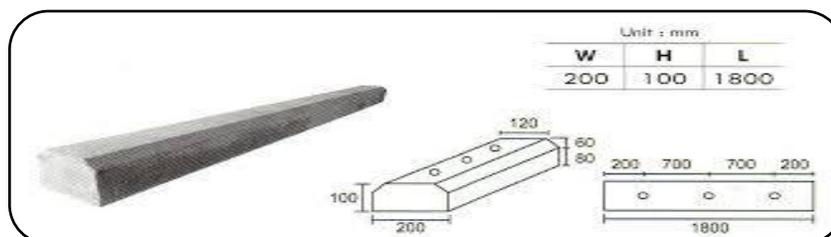


STANDARD LENGTHS:

The standard Lengths of the wall Guard is 4 meter.

INSTALLATION:

The wall Guard can be fixed horizontally to a wall or placed in short vertical strip on flat or curved surfaces using fix bolt.





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PVC PROFILES

PVC HANDRAILS:



Application used to cover the staircase railing of commercial Building, Hospitals, Housing Societies etc

Construction

Profile	These are made out of high quality PVC compound Ultra Violet and Abrasion Resistant
Advantage	Has long life and easy to install and its availability is in Various attractive colors
Size	32mm 40mm 50mm
Length	25mtr or as per customer's requirement



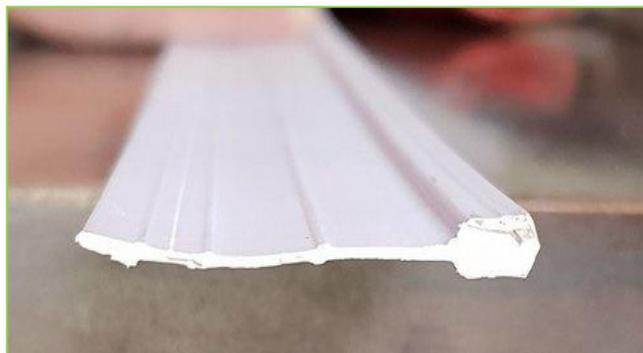
PVC FLOOR STARIP:



Application for partitions in concrete floorings

Contraction

Profile	These are made out of high quality PVC compound.
Advantage	prior to introduction of PVC floor strip glass strips Were used. PVC floor strips are used now instead of Glass strips because later being more frequent to Breakage and less griping with the concrete
Width	34mm, 40mm
Thickness	3mm to 6mm or as per customer's requirement





SIDDHI RUBBER UDYOG

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SAND BLAST HOSE

Siddhi High pressure flexible hose conveys and or other abrasive materials engineered for send/shot blasting purposes or ordinance factories, steel furniture, manufacturing workshops, heavy engineering industries etc.

CONSTRUCTION:

Lining: Extra thick seamless tube for natural rubber soft compound of high tensile strength, excellent abrasion resistant And free form any mineral filler.

Reinforcement: Rubberized woven textile.

Cover: Smooth, cloth – marked finish, natural rubber compound resistant to weather abrasion.

Electrical bonding: If required by the purchaser, a copper wire comprising a number of strands in incorporated between The reinforcement plies to provide electrical continuity along the whole length of the hose.

Temperature Range: 400 F to+158 OF

Length: Up to 18.5 meter



TECHNICAL SPECIFICATIONS AS PER IS: 5894/1980

Nomina l bore in	Tolerance on nominal bore in	Maximum thickness of lining	Maximum thickness of cover	Working pressure	Type Proof pressure	Bursing pressure	Working pressure	Type-2 Proof pressure	Buresing pressure
Mm	Mm	Mm	Mm	Kgf/cm ²	Kgf/cm ²				
20.0	+0.75	63	15	7	17.5	35	10	25	50
25.0	+1.25	63	15	7	17.5	35	10	25	50
31.5	+1.25	63	15	7	17.5	35	10	25	50
38.0	+1.50	63	15	7	17.5	35	10	25	50
46.0	+1.50	63	15	7	17.5	35	10	25	50
50.0	+1.50	63	15	7	17.5	35	10	25	50
63.0	+1.50	63	15	7	17.5	35	10	25	50
75.0	+1.50	63	15	7	17.5	35	10	25	50



SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

WATER SUCTION AND DISCHARGE HOSE (LIGHT AND HEAVY DUTY) IS: 3549-1983

DESCRIPTION:

Siddhi hose Designed for light and heavy duty water suction and discharge service, where rugged yet flexible hose is required both for dewatering and delivery purposes during excavation of mines, project construction, de-flooring operations and for handling sewerage, waste water and mud. Type of hoses: Type-1 Hose with rough bore, Type-2 hose with smooth bore. If the liquids are non-corrosive and do not carry solids in suspension, as in the case with muddy water, rough bore is used in other cases smooth bore is used.



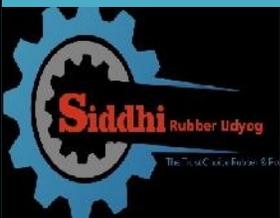
CONSTRUCTION:

Lining: a blend of Natural & synthetic rubber compound resistance to water and abrasion. Reinforcement: Natural or synthetic fabric or a combination thereof with two helical GS wire (as per IS-280/78) embedded between the reinforcement plies. In case of rough bore, of the two helical wire reinforcements, first is internal and visible from inside and the second is embedded between layers of plies.

Cover: Corrugates or plain cloth-marked finish outer cover made from natural rubber compound resistant to abrasion and weather.

TECHNICAL SPECIFICATIONS

Nominal Bore	Tolerance on Nominal Bore	Maximum Thickness of lining	Maximum thickness of cover	Maximum thickness of Filler	Length of soft Ends	Proof pressure	Bursting pressure	Proof pressure	Bursting pressure	Proof Pressure	Bursting pressure
Mm	Mm	Mm	Mm	Mm	Mm	Kgf/cm ²					
25.0	1.25	2.0	1.5	1.0	80	10.5	21	15	30	22.5	45
31.5	1.25	2.0	1.5	1.0	80	10.5	21	15	30	22.5	45
38.0	1.50	2.0	1.5	1.0	80	10.5	21	15	30	22.5	45
45.0	1.50	2.0	1.5	1.0	80	10.5	21	15	30	22.5	45
50.0	1.50	2.5	1.5	1.0	80	10.5	21	15	30	22.5	45
56.0	1.50	2.5	1.5	1.0	80	10.5	21	15	30	22.5	45
63.0	1.50	2.5	1.5	1.0	80	10.5	21	15	30	22.5	45
75.0	2.00	2.5	1.5	1.0	80	10.5	21	15	30	22.5	45
100.0	2.00	3.0	1.5	1.5	105	10.5	21	15	30	22.5	45
125.0	2.00	3.0	2.0	1.5	145	10.5	21	15	30	22.5	45



SIDDHI RUBBER UDYOG

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RUBBER WATER/ AIR HOSE IS: 444-1987, IS 446-1987

DESCRIPTION:

Siddhi General Purpose water/Air House in India are meant to deliver effective services across numerous applications. These are commonly used for water delivery purpose in Railways, Industries, Dams, Mines, Horticulture, Irrigation, fire Fighting, Construction Sites, Car Washing, De- watering etc.

Maximum attention is given on the reinforcement of these hoses and it is provided with robust piles of rubber impregnated woven textile or braded superior strength natural/synthetic, yarns. The cover finish of this house is available with smooth /fluted /cloth mark, totally free from air blisters, porosity and any other visible defects. Most importantly these are resistant to abrasion, ozone, oxidation and weather.

In our hose of this variety the minimum adhesion value between Lining and Reinforcement, between Cover and Reinforcement shall not be less than 1.5kn/m

These are also available as per standard specified in ISO/DIN etc.



TECHNICAL SPECIFICATIONS

		TYPE - 1			TYPE - 2		
Size		Working Pressure	Proof pressure	Bursing Pressure	Working pressure	Proof pressure	Bursing pressure
Mm	Inch	Kgf/cm ²					
12.50	½	6	12	19	10	20	30
20.00	¾	6	12	19	10	20	30
25.00	1.0	6	12	19	10	20	30
31.50	1.1/4	6	12	19	10	20	30
38.00	1.2/2	6	12	19	10	20	30
45.00	1.3/4	6	12	19	10	20	30
51.00	2.0	6	12	19	10	20	30
63.00	2.1/2	6	12	19	10	20	30
76.00	3.0	6	12	19	10	20	30
100.00	4.0	6	12	19	10	20	30
125.00	5.0	6	12	19	10	20	30
150.00	6.0	6	12	19	10	20	30



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RUBBER HOSE FOR CHEMICAL

Siddhi hose Designed to handle a wide range of chemicals, acids, alkalis and alcoholic materials during product and transfer operations.

CONSTRUCTION:

Lining: Black or white smooth rubber compound based on EPDM, Hypalon, Chloroprene, Acrylonitrile butyl, SBR, natural or a blend thereof depending on the liquid for which the hose is to be employed

Reinforcement: plies of rubberized woven textile with/ or without wire helix

Cover: smooth or corrugated synthetic or natural rubber or a blend thereof

Temperature Range: -400 F to +248 OF

Length: Long length, above 38mm up to 15 meter



TECHNICAL SPECIFICATION:

Nominal Bore in mm	Tolerance on Nominal Bore mm	Minimum Thickness of Lining mm	Working pressure kgf/cm ²	Busting Pressure kgf/cm ²
12.5	±0.75	2.00	12	40
20.0	±0.75	2.00	12	40
25.0	±1.25	2.00	12	40
31.0	±1.25	2.00	12	40
38.0	±1.50	2.00	12	40
45.0	±1.50	2.00	12	40
50.0	±1.50	2.00	12	40
63.0	±1.50	3.00	12	40
75.0	±1.50	3.00	12	40



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RUBBER HOSES

PETROL PUMP HOSE AS PER IS: 2396/88:



Application used at petrol pumps for fuel dispensing outlets airports Oil depots etc.

Construction

Tube suitable rubber compound resistant to petroleum and Diesel fuels

Reinforcement one or more plies of synthetic fibre

Electrical Bonding Two or more resistance electrical bonding wires in Suitable number of strands incorporated plies to Provide suitable electrical continuity along the whole Length of the hose .

Temperature -40⁰F to 620⁰F

Nominal Bore In mm	Working Pressure kgf/cm ²	Min. Bursting Pressure kgf/cm ²
5-25	4.08	30.60

OIL AND SOLVANT HOSES AS PER IS: 635/82:



Application For dispensing Lubricants and solvents .

Construction

Tube Synthetic Rubber, Resistant to Oil and Solvents .

Reinforcement Synthetic yarn of Fibre

Cover Oil Resistant Synthetic Rubber, Fluted or Cloth finish

Temp. Range -50⁰F to 120⁰C

Nominal Bore In mm	Working Pressure kgf/cm ²	Proof pressure kgf/cm ²	Min. Bursting Pressure kgf/cm ²
5-38	7.14	10.71	21.42



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THERMOPLASTIC HOSE

CONSTRUCTION:

Siddhi offers Thermoplast, specialist suppliers of bespoke HVAC equipment puts generations of design, manufacturing and installation experience at your disposal. A privately- run company, we have built a growing reputation for service based on our ethos of providing high quality, top performance and value for money HVAC equipment. Thermoplastic has built its success on blending many years of expertise and traditional workmanship methods with the very latest advance components. Our highly – skilled, quality trained workforce adopts stainless steel 316L high class welding assembly and Siemens PCL control electrical and electronic interfacing to create the highest standard of equipment. Thermoplastic places a high priority on its skilled workforce and the fact that we have generations of skilled craftsmen working for us speaks volumes about the value we place on people. With an eye to the future, we are currently recruiting apprentices to being training the next generation of thermoplast places great emphasis on customer support and communicating with you about your order is always a high priority. We plan to support the latest technology wherever feasible and are developing video conferencing and diagnostic equipment to facilitate on site customer communication, even in remote areas.



TECHNICAL SPECIFICATIONS

Nominal bore in	Tolerance on nominal bore in	Maximum thickness of cover	Maximum thickness of cover	Working pressure	Type-1 Proof pressure	Bursing pressure	Working pressure	Type-2 Proof pressure	Bursing pressure
mm	mm	mm	mm	kgf/cm ²	kgf/cm ²	kgf/cm ²	kgf/cm ²	kgf/cm ²	kgf/cm ²
10.0	+0.75	150	100	6.2	12	19	10.2	20	30
12.5	+0.75	150	100	6.2	12	19	10.2	20	30
16.0	+0.75	150	100	6.2	12	19	10.2	20	30
20.0	+0.75	150	100	6.2	12	19	10.2	20	30
25.0	+1.25	2.00	100	6.2	12	19	10.2	20	30
31.5	+1.25	2.00	100	6.2	12	19	10.2	20	30
50.0	+1.25	2.00	100	6.2	12	19	10.2	20	30



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PVC DUCT HOSE PVC SUCTION PIPE

APPLICATIONS:

PVC duct hose have intensive use in areas where small duct level pumping is required. That why it makes them preferred choice for air –conditioning, ventilation and vacuum cleaners. Apart from this it can also be used in automobile, petroleum, shipping, oil and gas industry. These hoses are capable enough to carry liquid at Duct level.



Suction Hose

PVC DUCT HOSE TECHNICAL SPECIFICATIONS

SIZE	INCH	W.P Kgf/cm ²	B.P Kgf/cm ²
MM			
38.00	1.1/2	6	13.2
50.00	2	6	12
63.00	2.1/4	5	9
75.00	3	5	9
100.00	4	4	9
125.00	5	4	8

APPLICATIONS:

PVC suction hoses are used in the areas where more flexibility is required that the normal. Standard hose are not used for these applications hence we have designed suction hoses. These are very effective for suction of sewage, dung cart, saline water and any type of material that is sucked out during the cleaning process. These can be easily mounted on the vaccum tankers that handle slurry and other waste materials.

Internal Diameter Normal Bore inch	I.D mm	O.D Mm	Testing pressure Kgf/cm ²	Length Mtr.
34	19	24	10.0	30
1	25	30	10.0	30
1-1.4	32	37	10.0	30
1-1.4	36	44	10.0	30
2	50	60	7.5	30
2-1/2	63	72	7.5	30
3	75	84	7.5	30
4	100	112	5.5	30
5	125	143	5.0	15
6	152	170	4.0	15



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NYLON BRAIDAD FLEXIBLE PVC HOSE

Manufacture of PVC pipes and profiles, stiff quality control checks accrue to its credibility in the market. Pipe and profiles are made with high quality thermo plastic compounds and braiding done with a special quality of synthetic yarn, cross wise as well as length wise giving strength and resistance against the high working pressure.

Properties:

Light weight and flexible, strong to withstand high pressure and durable. Even surface furnish, economical.

Rubber & Pneumatic Hoses:

Rubber Air & pneumatic Hoses /flexible pipe are specially made to be used for small and big air compressors, heavy duty water suction & delivery, chemicals distribution, distribution of industrial gasses, general road construction work, tunneling, rivellingapplicane, tyre inflation, pneumatic and various other industrial uses.

Food Grade Hoses:

Food Grade Hose pipe are specially made as per international standards and are suitable for food stuffs meant for human consumption. These pipes are extensively used for soft drinkds fountains, dairy plants, food processing and edible oil manufacturing industries, handy fountain machines used for purified cold water, water filter & purifiers and breweries.



Car Washing Hoses:

Car washing hoses are made of 1000% oil resistant PVC compound and braided with extra strong fine synthetic yarn to withstand specific pressure. These are extensively used in various car garages, service stations, petrol pumps and washing stations.

Welding Hoses:

Welding hoses are suitable for oxyacetylene welding brazing and cutting equipment in all types of industrial work shop, oil refineries, and steel mills. Shop building and repair yards, service stations, garages and power stations and so on.



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HDPE PIPE (AS PER IS-4984:14333) HIGH DENSITY POLYETHYLENE PIPE FOR WATER SUPPLY

HDPE pipe are manufactured from virgin raw material and are a cast effective & safe solution for irrigation, water supply, industrial application, HDPE pipe in coil form for submersible pumps etc. These pipes are made under strict quality control & conform to various IS & International standards.

Pipes offer outstanding features which assures low maintenance cost and term system performance. These pipe are quite simple user friendly & easy to fit.

JOINTING OF HDPE PIPE:

These pipes can be joined by various techniques like socket fusion, electrical fusion, compression & Butt welding. The most popular & accepted form is by but welding technique.

ADVANTAGES:

- Light Weight flexible & can be used on any type of surface.
- Can be used on high altitudes & temperatures as low as 50°C.
- Corrosion resistant & can be used for acids & alkalis.
- Resistant to abrasion; Low thermal & electrical conductivity.
- No incrustation 7s saving in pumping & energy cost. Life Min 50yrs.
- Excellent weldable properties.



Well Thickness of pipe for Materials Grade PE63 as per IS 4984: 1995

Wall Thickness of pipe for pressure Rating of

Nominal Diameter	PN2.5		PN4		PN6		PN8		PN10		PN12.5		PN16	
	min	max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	max
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
20	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.4	4.0
25	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.4	4.0	4.2	4.9
32	-	-	-	-	2.3	2.8	3.0	3.5	3.6	4.2	4.4	5.1	5.4	6.2
40	-	-	2.0	2.4	2.8	3.3	3.7	4.3	4.5	5.2	5.5	6.3	6.7	7.6
50	-	-	2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4	6.8	7.7	8.4	9.5
63	2.0	2.4	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	7.2	8.2	9.3	10.0	11.2	12.2	13.7	15.0	16.7
110	3.4	4.0	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	4.4	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	24.4	27.1	30.0	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	37.5	41.5
250	7.6	8.6	12.0	13.4	17.5	19.5	22.8	25.3	27.8	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	22.0	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	24.0	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	27.8	34.9	40.4	45.5	52.6	55.6	64.2	-	-	-	-



SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

Well Thickness of pipe for Materials Grade PE80 as per IS 4984: 1995

Wall Thickness of pipe for pressure Rating of

Nominal Diameter	PN2.5		PN4		PN6		PN8		PN10		PN12.5		PN16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
20	-	-	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3
25	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.5	4.1
32	-	-	-	-	-	-	2.4	2.9	3.0	3.5	3.6	4.2	4.5	5.2
40	-	-	-	-	2.3	2.8	3.0	3.5	3.7	4.3	4.5	5.2	5.6	6.4
50	-	-	2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3	5.6	6.4	6.9	7.8
63	-	-	2.5	3.0	3.6	4.2	4.7	5.4	5.8	6.6	7.0	7.9	8.7	9.8
75	-	-	2.9	3.4	4.3	5.0	5.6	6.4	6.9	7.8	8.4	9.5	10.4	11.7
90	2.3	2.8	3.5	4.1	5.1	5.9	6.7	7.6	8.2	9.3	10.0	11.2	12.5	14.0
110	2.7	3.2	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2	12.3	13.8	15.2	17.0
125	3.1	3.7	4.9	5.6	7.1	8.1	9.3	10.5	11.4	12.8	13.9	15.5	17.3	19.3
140	3.5	4.1	5.4	6.2	8.0	9.0	10.4	11.7	12.8	14.3	15.6	17.4	19.4	21.6
160	4.0	4.6	6.2	7.1	9.1	10.3	11.9	13.3	14.6	16.3	17.8	19.8	22.1	24.6
180	4.4	5.1	7.0	7.9	10.2	11.5	13.4	15.0	16.4	18.3	20.0	22.2	24.9	27.6
200	4.9	5.6	7.7	8.7	11.4	12.8	14.9	16.6	18.2	20.3	22.3	24.8	27.6	30.6
225	5.5	6.3	8.7	9.8	12.8	14.3	16.7	18.6	20.5	22.8	25.0	27.7	31.1	34.5
250	6.1	7.0	9.7	10.9	14.2	15.9	18.6	20.7	22.8	25.3	27.8	30.8	34.5	38.2
280	6.9	7.8	10.8	12.1	15.9	17.7	20.8	23.1	25.5	28.3	31.2	34.6	38.7	42.8
315	7.7	8.7	12.2	13.7	17.9	19.9	23.4	26.0	28.7	31.8	35.0	38.7	43.5	48.1
355	8.7	9.8	13.7	15.3	20.1	22.4	26.3	29.2	32.3	31.8	39.5	43.7	49.0	54.1
400	9.8	11.5	15.4	18.0	22.7	26.4	29.7	34.4	36.4	42.1	44.5	51.4	55.2	63.7
450	11.0	12.9	17.4	20.3	25.5	29.6	33.4	38.7	41.0	47.4	50.0	57.7	-	-
500	12.2	14.3	19.3	22.4	28.4	32.9	37.1	42.9	45.0	52.6	55.6	64.2	-	-

Well Thickness of pipe for Materials Grade PE100 as per IS 4984: 1995

Wall Thickness of pipe for pressure Rating of

Nominal Diameter	PN 6		PN 8		PN 10		PN 12.5		PN16		
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
20	-	-	-	-	-	-	-	-	2.3	2.8	
25	-	-	-	-	-	-	-	2.3	2.8	2.9	3.4
32	-	-	-	-	2.4	2.9	2.9	3.4	3.7	4.3	
40	-	-	2.4	2.9	3.0	3.5	3.7	4.3	4.6	5.3	
50	2.3	2.8	3.0	3.5	3.7	4.3	4.6	5.3	5.7	6.5	
63	2.9	3.4	3.8	4.4	4.7	5.4	5.7	6.5	7.1	8.1	
75	3.5	4.1	4.5	5.2	5.6	6.4	6.8	7.7	8.5	9.6	
90	4.1	4.8	5.4	6.2	6.7	7.6	8.2	9.3	10.2	11.5	
110	5.0	5.7	6.6	7.5	8.1	9.2	10.0	11.2	12.4	13.9	
125	5.7	6.5	7.5	8.5	9.2	10.4	11.3	12.7	14.1	15.8	
140	6.4	7.3	8.4	9.5	10.3	11.6	12.7	14.2	15.8	17.6	
160	7.3	8.3	9.6	10.8	11.8	13.2	14.5	16.2	18.1	20.2	
180	8.2	9.3	10.8	12.1	13.3	14.9	16.3	18.2	20.3	22.6	
200	9.1	10.3	12.0	13.4	14.8	16.5	18.1	20.2	22.6	25.1	
225	10.3	11.6	13.5	15.1	16.6	18.5	20.4	22.7	25.4	28.2	
250	11.1	12.8	15.0	16.7	18.4	20.5	22.6	25.1	28.2	31.3	
280	12.8	14.3	16.8	18.7	20.6	22.9	25.3	28.1	31.6	35.0	
315	14.4	16.1	18.9	21.0	23.2	25.8	28.5	31.6	35.5	39.3	



SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

HDPE DUCTS

HDPE PLB Ducts are manufactured from special Lubricated compound. In various colors like Green, Orange, Blue, Yellow, Red, Brown or any other color As per customer requirement, these pipes have Specials lubricated compound on the inner for Conveying optical fiber cables at Very low friction.



The pipe is available in following sizes:

	32mm/26mm	40mm/33mm	50mm/42/42mm
Normal Outside Diameter	32mm+0.3mm -0.0mm	40mm+0.4mm -0.0mm	50mm+0.5mm -0.0mm
Wall Thickness	3.0mm+0.2mm	3.5mm+0.2mm	4mm+0.3mm
Thickness of the inner layer	Min. 0.24mm Max. 0.36mm	Min. 0.28mm Max. 0.42mm	Min. 0.32mm Max. 0.48mm
Standard Length	100 meter -1000meter (as per costumer requirement)	100 meter -1000meter (as per costumer requirement)	100 meter -1000meter (as per costumer requirement)
Maximum outer Diameter of cable that can be installed by blowing technique	12mm	16mm	21mm

HANDPUMP:

We are offering Extra Deep well hand pump to our esteemed clients, Manufactured using finest quality steel and integrated with discharge And are suitable for preventive maintenance with simple tools .offered Range of pumps is designed as per the approved industry norms and Is supplied with a telescopic stand.

FEATURES:

- Longer working life
- Optimum water discharging capacity
- Sturdy design



UPVC PIPES

We are well-known as one of the prestigious organizations in offering a wide design of PVC pipe. The PVC self-fit pipes, we offer, are manufactured at a well-equipped production unit by making use of sophisticated machines and high-grade quality raw materials. Self-fit pipes are manufactured in the range of 32mm to 400mm diameter in 2.5, 4, 6, 8, 10 and 12.5 kg/cm² working pressure.

ADVANTAGES:

- The pipes are odorless and hygienic for carrying drinking water
- These pipes are long-lasting and maintenance-free.
- Self-fit pipes offer fast installation and cost reduction due to less use of solvent cement.
- Due to the smooth inside finish, these pipes give better flow characteristics in comparison to other metal pipes (CL, GL, Ac pipes).
- These pipes are resistant to corrosion from chemical or galvanic action.



DIAMETER OF UNPLASTICIZED PVC PIPES (AS PER IS 4985:2000) (Clauses 7.1.1 and 7.1.2)

Nominal Outside Diameter (mm)	Mean outside Diameter (mm)		WELL THICKNESS (MM)											
			Class 1 0.25Mpa		Class 2 0.4Mpa		Class 3 0.6Mpa		Class 4 0.8Mpa		Class 5 1.0Mpa		Class 6 1.25Mpa	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	20.0	20.3	-	-	-	-	-	-	-	-	1.1	1.5	1.4	1.8
25	25.0	25.3	-	-	-	-	-	-	1.2	1.6	1.4	1.8	1.7	2.1
32	32.0	32.3	-	-	-	-	-	-	1.5	1.9	1.8	2.2	2.2	2.7
40	40.0	40.3	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3
50	50.0	50.3	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3	3.4	4.0
63	63.0	63.3	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0
75	75.0	75.3	-	-	1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9
90	90.0	90.3	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7	6.1	7.1
110	110.0	110.4	1.6	2.0	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.7
125	125.0	125.4	1.8	2.2	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0	8.5	9.8
140	140.0	140.5	2.0	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11.0
160	160.0	160.6	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6
180	180.0	180.6	2.6	3.1	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4	12.2	14.1
200	200.0	200.6	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7	13.6	15.7
225	225.0	225.7	3.3	3.9	5.2	6.0	7.6	8.8	10.0	11.5	12.4	14.3	15.3	17.6
250	205.0	250.8	3.6	4.2	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9	17.0	19.6
280	280.0	280.9	4.1	4.8	6.4	7.4	9.5	11.0	12.5	14.4	15.4	17.8	19.0	21.9
315	315.0	316.0	4.6	5.3	7.2	8.3	10.7	12.4	14.0	16.1	17.9	19.9	21.4	24.7
355	355.0	356.1	5.1	5.9	8.1	9.4	12.0	13.8	15.8	18.2	19.6	22.6	24.1	27.8
400	400.0	401.2	5.8	6.7	9.1	10.5	13.5	15.6	17.8	20.0	22.0	25.3	27.2	31.3



SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

HDPE DOUBLE WALLED CORRUGATED PIPES CABLE PROTECTION AS PER IS: 14930:16205

DWC Pipes are specially designed for underground cable ducting. Made from HDPE, caters to the Power, Signal, Telecom Cable and Optical Fiber Cable Ducting requirements in India. It is a widely utilized product by many sectors such as Indian Railways, Airport Authorities, State Electricity Boards, Power Distribution Companies, Public Works Departments, Telecom Companies and so on.

Power and Communication:

Cable trays, concrete channels and pipes are commonly used in India for routing of electrical cabling for power distribution and for protection of communication lines.

- These are the alternatives which are utilized in place of open wiring systems, which can be dangerous for many reasons.
- The application of these systems is expansive and is used in almost all projects where cables are used.

Cable Protection Pipes:

Made from HDPE, Double Walled Corrugated pipes are built to protect the underground cabling systems.

- Produced from a state – of – art extrusion process and by using German Advanced Machinery.
- Available in a wide variety of sizes, giving the designers the flexibility of making a suitable size choice.

Nominal Size (mm)	40	50	63	77	90	100	120	125	145	160	175	180	200	250	300
color	Orange Black Blue														

Salient Features:

- Laying in Single layer or Multi Layers (with Spacing) possible
- Excellent Diametrical Stiffness
- Inner wall designed to facilitate cable insertion
- Available in Coils and 6m Lengths
- By use of blow insertion method, shows excellent compatibility for optical fiber insertion
- High Ring Stiffness and Crush Resistance capacity.



Advantages:

- Excellent corrosion resistance
- Anti Rodency
- No Flame Propagating Properties
- Multiple colour options available facilitating identification
- Chemically inert
- Excellent Impact Strength
- Good Abrasion Resistance
- Easy jointing process





SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

HDPE DOUBLE WALLED CORRUGATED PIPES SEWERAGE AND STORMWATER AS PER IS- 16098

Double Walled Corrugated Pipes were introduced the first time in the Indian Piping Market, where, there was a need of a cost economic and durable alternative for the conventional RCC and DI piping systems for sewerage and drainage applications.

Sizes ID(mm) Stiffness Class SN 4, SN 8 & SN 16											
75	100	135	150	170	200	250	300	400	500	800	



Features and Components:

- Lower Manning's Roughness Co-efficient (n) (0.009)
- Higher Hazen – Williams Co-efficient (C) (150)
- Excellent abrasion resistance
- Chemically inert, and has excellent anti-corrosive properties
- Making it resistant to crown corrosion
- Can be used in aggressive climatic conditions
- Prohibits growth of biological on the inner surface
- Profiled external surface supports better bonding with soil

Salient Features:

- Excellent load bearing capacity
- Light weight
- DWC Pipes are flexible and fatigue resistant
- Simple to stack
- Telescopic transportation without damages
- Lesser manpower / labor requirement
- No need of heavy machinery for conveyance
-





SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

PVC PROFILES

PVC TRANSPARENT FOOD GRADE HOSE:

PRODUCT DETAILS:

Suction and transparent hose, smooth tough and flexible
Vacuum and compression and with high axial strength

MATERIAL:

Non toxic/food Grade

TEMPERATURE:

70°C

APPLICATION:

Vacuum lines of auto loaders (plastic processing) Duct collector attached to wood working machineries transport plastic granulate materials and resin conveying of food grade material and fluid in food & pharmaceutical industry draining sewage and water. Used as oil for machineries.



PU HOSE FOOD GRADE

POLYURETHANE FOOD GRADE HOSE (Plain /Smooth inside):

PRODUCT DETAILS:

Special Polyether- polyurethane (fd.gr) transparent suction hose
(0.7& 1.4mm wall thick) with copper coated food grade steel
Wire reinforcement with clean smooth/plain inside surface.

TEMPERATURE:

90°C/short term 125°C

APPLICATION:

A food grade hose ideal for food pharmaceutical industry for
Suction of dust, Power Wood waste or any sticky Power
Conveyance in Textile and Wood industry, ideal for Plastic
Industry where inside hose surface has to be plain and smooth,





SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

SILICON HOSE

Super Heavy Duty Silicon Suction Hose:

PRODUCT DETAILS:

Special Heavy Duty Silicon Suction Hose (Double Layer)
With extra thick abrasion resistant inner layer (FDA) with
Heavy Duty copper coated steel spring wire reinforcement
Extremely flexible

TEMPERATURE:

-60°C/to +200°C

APPLICATION:

For hot granulate (PET) in plastic Processing or hot liquid transfer
Application Hose can sustain vacuum and suction both.



ALUMINUM FOIL HOSE/KITCHEN CHIMNEY HOSE

Aluminium Foil Air Duct/Aluminium Foil & Fabric Air Duct/ Aluminium Kitchen Chimney Hose:

CONSTRUCTION:

- Aluminium foil hose-with spring steel wire reinforcement
Temperature up to 100°C
- Aluminium foil and fabric hose – A combination of both
With spring steel wire reinforcement
Temperature up to 180°C
- Aluminium Kitchen Chimney Hose- semi rigid aluminum
Flexible hose temp 100° C

RANGE:

- Aluminium for air Duct: 50, 63, 76,100,125,200,250,300,350, mm
- Aluminium foil and fabric Air Duct: 38, 50,63,76,90,100,114,127
140,150,203,254,305 mm

APPLICTION:

Exhaust air ventilation electrical component manufacture, PCB
Manufacture, ventilation technology clean Rooms & electrical plants
Drying equipments hot air suction kitchen chimney hose for exhaust
Of kitchen waste gases/fumes /smoke etc. semi Rigid Aluminium
Hose compressed to 1Mtr and expanded up to 3Meter.





SIDDHI RUBBER UDYOG

AS ISO 9001:2015 CERTIFIED CO.
(The trust Choice Rubber & PVC Pipe)

INDUSTRIAL HOSE

SS Flexible Hose:

We are specialized in manufacturing and supplying Industrial Hose like Rubber Low Pressure Hose, Electrical Bonded Road Rail Tanker Hose Rubber Hose for chemicals etc. To our clients, these are made using high quality materials and according to the international quality standards. We offer these to our clients at affordable prices in the industry. We also offer customization of these products based on the demands of the clients.

PRODUCT DETAILS:

Minimum order quantity – Meter
Single Hose length- 20m-30m, 12m-20m, 6m, 12m
Size-1/2 inch 1inch 3/4inch 2inch
Material – Stainless Steel
Unit length – 6m-12m, 1m-6m,12m-20m, 20m-30m.
Type- Flexible
Condition- New



we are manufacture and exporters of stainless steel flexible corrugated Hoses, stainless steel wire braiding and Hose assemblies in SS AISI 304, 321, 316 & 316L conform to BS 6501 part- I and are manufactured as per Type A B and C Flexible Hoses also manufacture highly flexible closed Pitch hoses for special applications and P-type flexible hose.

PROTECTIVE CABLE CONDUIT HOSES AND GLANDS

PRODUCT DETAILS:

PVC/PP/PE/PA-NYLON POLYAMIDE
Corrugated conduit hose that offer best protection due to its structure and versatile accessories

TEMP:

-40°C to +115°C (shorts term 150°C)

Colour:

Grey / Black

APPLACTIONS:

- Mechanical Engineering
- Public utilities
- Railways applications/ vehicle construction
- In drag chains (SILVYNCHAIN)
- Building Automation
- Outdoor application (In Black)





SIDDHI RUBBER UDYOG

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OUR PRODUCT

