

**FROM
EXCELLENCE
TO BRILLIANCE**

alex
ALEX PIPE INDIA PVT. LTD.



INDIA'S LARGEST SELLING
HDPE PIPE | MDPE PIPE | PLB PIPE



H. No. 1182, R. No. 1/2, Varla Apptt.,
Bhiwandi, Maharastra - 421 302.



www.alexpipesindia.com



02522 - 282599



info@alexpipesindia.com





ALEX Pipes India Pvt.Ltd. IS 4984 : 2016 & MJP APPROVED Certified Pipe Manufacturer, is a nationally identified brand ALEX & UNNATI in HDPE pipes in India. Being operative in this field since 2013, Alex Pipe India has emerged as a leading manufacturer and supplier of plastic pipes and fittings in India. We are a regular supplier of HDPE pipe to prestigious Industrial Clients as well as various Governmental Bodies & retail market. The company has developed a Controlled Quality Management System which places great prominence towards providing the best quality. It is dedicated to sustaining national quality standards at competitive prices.

We are one of the eminent names in the field of manufacturing and exporting an extensive range of HDPE Pressure Pipe, Industrial MDPE Gas Pipe, HDPE pipe fittings. Apart from this, Conduit pipes & fittings, MDPE pipe, HDPE Corrugated Pipe, HDPE PLB Pipe are acclaimed for abrasion resistance, high impact strength, chemical resistance and long service life.

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MISSION

Alex Pipes aims to be the producer of the highest quality plastic products in INDIA

To be the most respected and number-one plastic processing company in India

Commitment to excel and deliver consistently to all our customers without compromising on the Quality. To be a first-rate profitable company with best industry practices and conducive work atmosphere.

We are devoted to our customers' satisfaction. Our mission is to create eco-friendly, water-saving, reliable and cost-effective agricultural irrigation product together to help you maximize well-being and that of the world around you.

To be one of the Global Player in Irrigation product.

To diversify into newer markets with more products. To build excellent rapport with existing and new customers with a consistent supply of quality products and practices.

To be a socially responsible company.

We provide superior execution in our service throughout the manufacturing, delivery and customer care, by strengthening the endeavours in the daily tasks, being proactive, flexible and paying particular attention to every detail.

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VISION

We face the future with strength, confidence and a commitment to being a great business partner. We will continue to manufacture high quality and most cost-effective products.

We will continue to launch new products to maximize performance and minimize costs - by optimize water and energy consumption. We provide our customers with Top Class care.

VALUE PROPOSITION

Leadership through consistent quality and operational excellence combined with increased awareness and extensive availability of the solutions on offer.



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SMART WATER MANAGEMENT

AGRICULTURE . INDUSTRIAL . DEVELOPMENT

From effortless skills to effortless efficiency From dream to reality.

Alex Pipes, the pioneer of Indian water management industry, provides long lasting and smart solutions coupled with intelligent technologies that ensure sustainability and convenience.

Alex Pipes has been a benchmark for quality since 2013 and adheres to the highest international standards for manufacturing of products for potable water supply.



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BEING A CHANGE AGENT

Alex Pipes acts as a catalyst and constantly endeavours towards increasing the efficiency of fluid handling and water management systems, to make life simpler and easier for the common man.

The product base has been enhanced through the years so as to suit the customer's requirements better.

Alex pipes also leverages local and global knowledge of the industry to provide more efficient products and the best possible service to the end customer, on a continuous basis.

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BEING SUPERIOR

Guided by relentless focus on quality and customer service, we at Alex Pipes, constantly strive to implement the critical initiatives required to achieve the corporate vision. In doing so, we have always delivered manufacturing excellence in every product of the Company and met or exceeded our commitments to the market and to the customers we serve.

All our long-term strategies and short-term actions are moulded by a set of core values that are shared by all our workers and every single associate.



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HDPE Pipe

Alex India Pvt Ltd is one of the leading HDPE pipe manufacturers of High-Density Polyethylene (HDPE) Pipe in Plastic Pipe industry. We have been providing the best HDPE Pipe and we serve globally as The Best HDPE Pipe Manufacturers In India based on client requirement. We also offer a wide range of HDPE pipe fittings. Alex Hdpe Pipe is considered as one of the most economical and durable options for industries such as Water Sewage, Gas Transportation, Water Supply, Drainage, Cable Laying, Irrigation, etc.

We are considered as a prominent HDPE Pipes Manufacturer, Exporter, and Supplier in India. Highly skilled professionals manufacture Alex Hdpe pipe in compliance with the set industry norms and parameters using quality approved materials. Appreciated for their dimensional accuracy and hassle-free installation, these pipes are widely demanded by our valued clients. We are offering these products at the nominal market price. Our HDPE pipes are "Economical & Durable".



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MDPE Pipe

MDPE is typically used in gas pipes and fittings, sacks, shrink film, packaging film, carrier bags, and screw closures. MDPE pipe is often used for water and waste water plumbing, and may also be referred to as 'black alkathene'.

Alex Pipe India offers Medium Density Polyethylene Pipe that is fabricated as per Indian as well as International standards. Moreover, our pipes can be customized as per the specifications of the clients. Buyers can purchase MDPE Pipes in bulk and at very reasonable rates from us within India and Abroad. These pipes are made available in both Straight Lengths and in Coil form and can be joined using compression fittings, Butt Welding, or Electro fusion Fittings.



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HDPE Pressure Pipe

HDPE pipes are a strong, durable and cost-effective solution for potable water supply, irrigation, and bore-well applications, Alex HDPE pipes are manufactured from virgin raw material on the state of the art manufacturing facilities. The plant is fully integrated with a quality control laboratory carrying stringent raw material and finished goods tests for achieving and maintaining uncompromising quality, consistency and matching the specifications as laid down in various Indian as well as International standards. The Poly pipe fittings are offered in PE63, PE80, PE100 grades, complying to IS 4984:2016. Our HDPE pipes are pressure rated based on their material, dimension ratio, By applying Environmental Design Factors and Service Temperature Design Factors in the design process.



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PLB Telecom Duct

With advances in technology in modern-day Telecommunications, over a period of time, it became very important to upgrade the HDPE pipes to be used particularly for Telecom applications. The Optical fiber Cables used for Telecommunications being very delicate and sensitive, it became necessary to modify the HDPE Pipes to be used as conduits for optical fiber cables. This led to the development of Permanently Lubricated (PLB) HDPE Telecom Ducts.

Alex Pipes offers PLB Telecom ducts which have a layer of special compound on inner side for smooth conveying of optical fiber cables with extremely low friction. we use the special compound for the production of PLB Ducts, which generally maintains the coefficient of friction between the inside of the HDPE duct and the outside of the inserted communication cable as 0.06 max.



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UPCOMING PROJECT

HDPE Sprinkler System

Alex offers HDPE Coupled Pipes & Fittings For Sprinkler System are used for spraying water through nozzles (sprinklers) to get maximum efficiency in water use. This HDPE sprinkler irrigation system consists of pipes and fittings along with a complete range of accessories. All sprinklers undergo extensive quality testing in our well-equipped state of the art lab. Moreover, the performance of the products are also tested in the field to ensure uniform water distribution and higher efficiency.

Sprinkler irrigation is the method of applying water in a controlled manner, that is similar to rainfall. The water is distributed through a network that may consist of pumps, valves, pipes, and sprinklers. Irrigation sprinklers can be used for residential, industrial, and agricultural usage. Sprinklers provide efficient coverage for small to large areas and are suitable for use on all types of properties. It is also adaptable to nearly all irrigable soils since sprinklers are available in a wide range of discharge capacity. Alex Sprinkler Pipes are manufactured from High-Density PolyEthylene Polymers i.e. PE 63.



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OUR 10 ASSURANCES



STATE OF THE ART
MANUFACTURING
FACILITY



ADVANCED MATERIAL
HANDLING SYSTEMS



100% FINISHED GOODS
QUALITY INSPECTION



ADVANCED MACHINERY
FOR SUPERIOR QUALITY



100% INCOMING RAW
MATERIAL QUALITY
INSPECTION



EVERY BATCH OF
PRODUCTS LAB TESTED



HIGH DIMENSIONAL
ACCURACY TO MAINTAIN
QUALITY OF EACH PIECE,
TO ENSURE A DEFECT FREE
SYSTEM



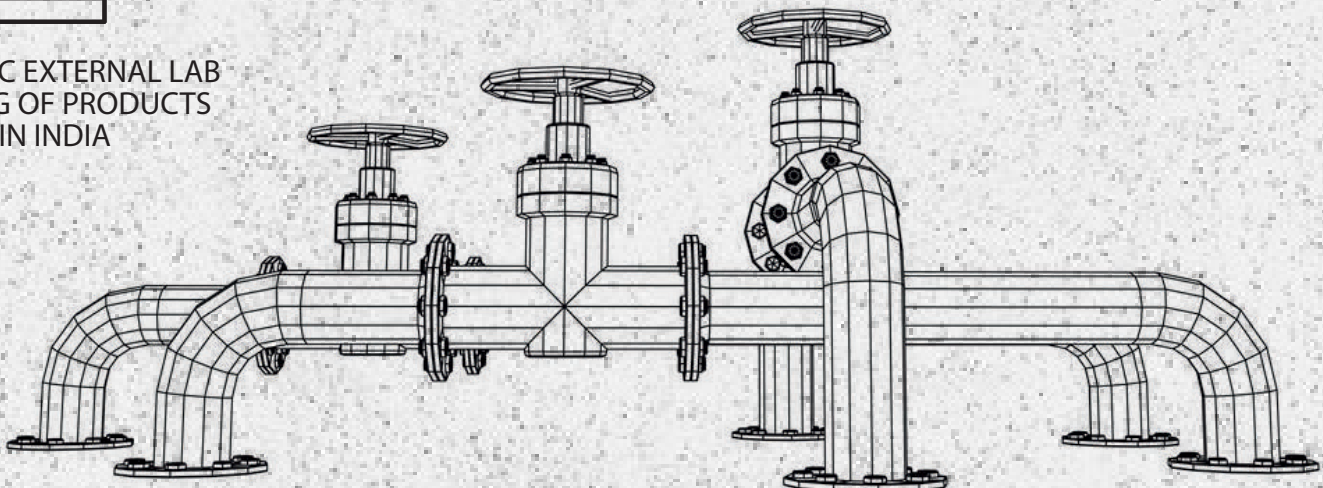
SEVERAL QUALITY CHECKS
FOR EVERY BRASS



STRINGENT QUALITY
CHECKS AT EVERY LEVEL
OF PRODUCTION



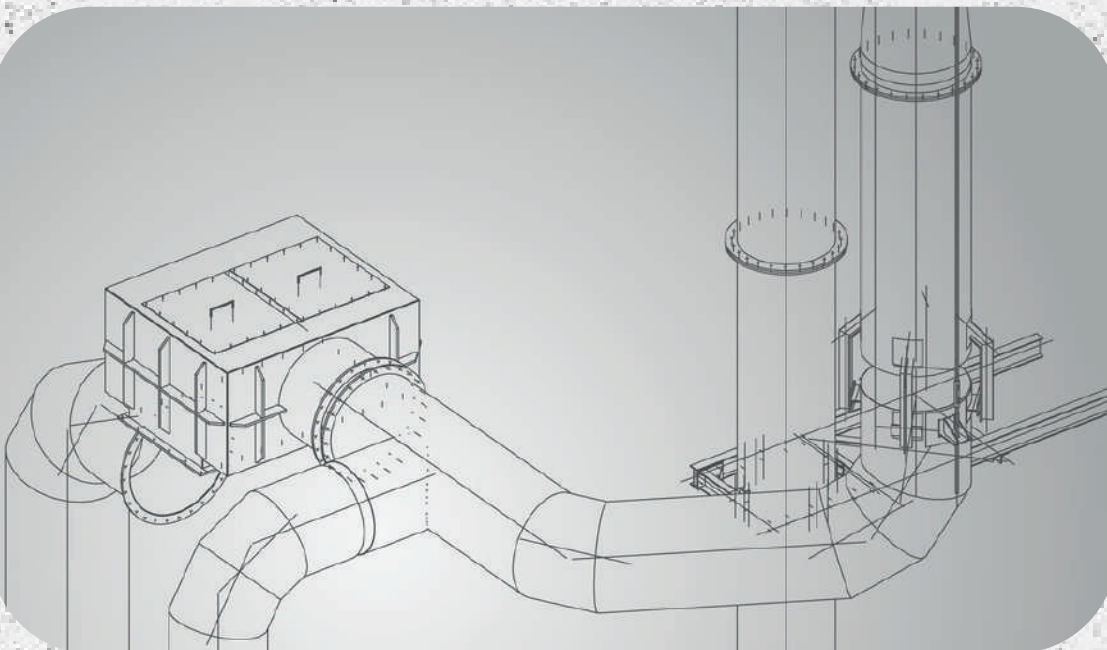
PERIODIC EXTERNAL LAB
TESTING OF PRODUCTS
IN INDIA



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Q1. What is your specialization in the material of pipe, you are manufacturing?

We are the manufacturers of high quality HDPE, PE pipes and fittings and other such products.

Q2. Kindly let me know, what's the largest outer diameter for pipes?

The largest outer diameter is around 200mm (PE pipe), which we manufacture.

Q3. What is the expected shelf life in normal case?

Our HDPE meets the quality guidelines as laid down with carbon black coloration, thus providing needed protection to the material from UV degradation.

With around 5 years of protection life ensured with the Carbon black to protect exposed HDPE pipe, there is no change in tensile properties from UV effects. The protection from UV effects is done from earth cover, as soon as it gets installed.

Q4. Is HDPE pipe safe for drinking water?

Yes. HDPE pipes certified for potable water applications are produced from pressure rated polyethylene compounds approved by NSF for public drinking water service.

Q5. Is HDPE pipe a green solution for piping?

Yes. It is safe when manufactured, used, or incinerated. It helps preserve water and electricity as there is no loss of water through the fused joint.

Q6. What is the Delivery Time?

The delivery time is the quickest in the market. You can get in touch with us over your requirements.

Q7. Your customer Service Details?

We are always available for you. We have the sales representatives, which are fluent in languages, you speak. You will be best supported by us!

Q8. How can I inquire about your Products?

You can get in touch with us either through our given contact numbers or through Contact us/Inquiry Form.

Q9. How to get Product Details?

We will provide you the Product details in full, once we receive your inputs over requirements.

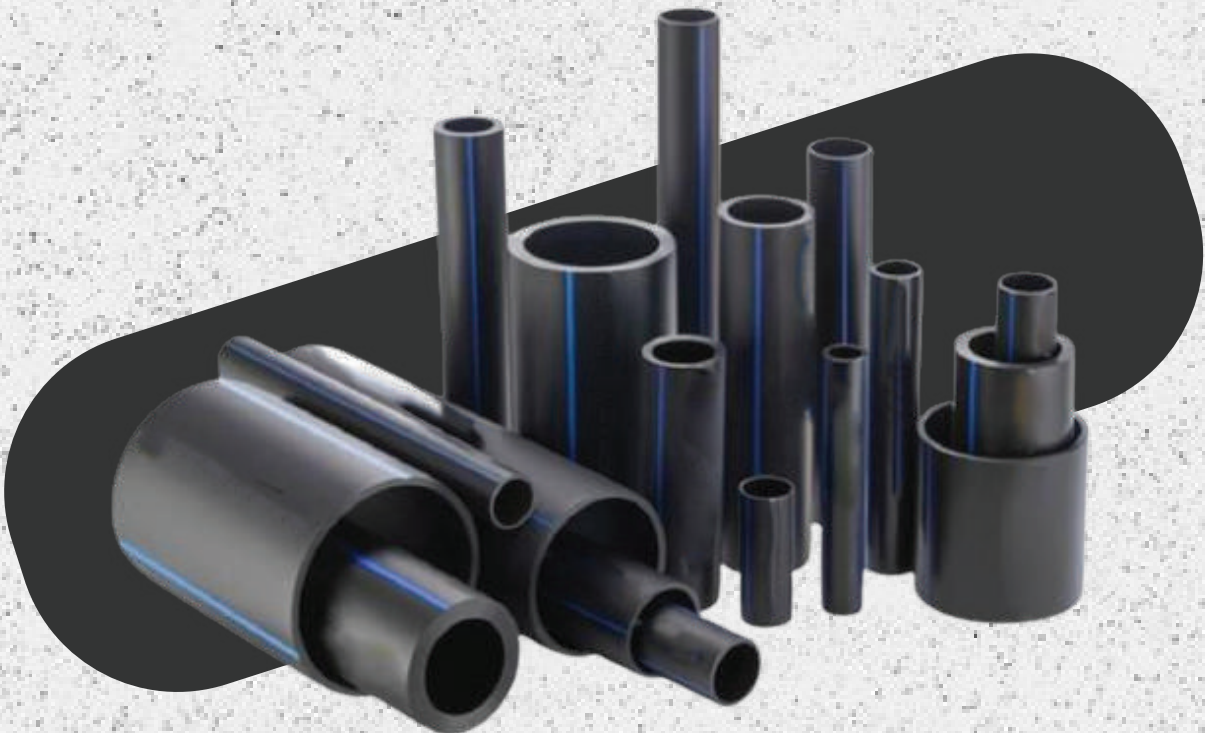
Q10. What if I am not satisfied over the quality of Products, I received?

Contact us and we will look into the matter and will help you in the best possible manner!

Approved by Maharashtra Jeevan Pradhikaran



Maharashtra Jeevan Pradhikaran (MJP). Alex pipes are approved by Maharashtra Jeevan Pradhikaran (MJP). Our products are incorporated and designed according to Maharashtra Jeevan Pradhikaran (MJP). pipes are checked and tested by MJP. Already being used by Major cities and Township builders throughout the country.



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ISI4984:2016



Indian Standards Institutions (ISI)

Alex pipes are approved by Indian Standards Institutions (ISI). The quality we provide are rigorously tested first under expert supervision. We are distributors of all pipes that are designed and manufacturers by the experts engineer. All the pipes we provide are ISI marked pipes.



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QUALITY ASSURANCE PLAN (Q.A.P.)

alex		QUALITY ASSURANCE PLAN (Q.A.P.)						QAP NO. & DATE:	
ALEX PIPE INDIA PVT.LTD.		FOR PE PIPES FOR WATER SUPPLY AS PER IS 4984:2016 WITH LATEST AMENDMENT						REF. STANDARD: IS 4984:2016	
KRISHNA INDUSTRIAL PARK, BLDG.NO.A-5, UNIT NO.10, OPP-TATA KAMAL MOTORS, NASIK HIGHWAY, SONALE VILLAGE, BHIRWADI, DIST-THANE. PIN:- 421 302.								PRODUCT: HDPE PIPE	
								BIS LICENCE NO.: CM/L- 9700122915	
PRODUCT : HDPE PIPES GRADE : PE63 , PE80, PE100 NOMINAL DIAMETER (DN):20mm TO 160mm PRESSURE RATING(PN): PN2.5, PN4, PN6, PN8, PN10									
I. RAW MATERIAL INSPECTION									
SR.NO.	CLAUSE NO. OF IS 4984:2016	NAME OF TEST	TEST METHOD	SAMPLING METHOD	FREQUENCY	DOCUMENTATION	INSPECTION BY MANUFACTURER	ACCEPTANCE STANDARD	
1	5.28 TABLE 2	DENSITY OF RAW MATERIAL (BASE) 27°C	ANNEX-A (CLAUSE 5.2.1.1) OF IS 7328	EACH CONTROL UNIT/LOT OR ONE SAMPLE PER LOT	EACH BATCH IN A CONSIGNMENT	RMTC	R/P	930 TO 960 kg/m³	
2	5.28 TABLE 2	MELT FLOW RATE AT 190° C USING 5 kg load	IS 2530:1963	EACH CONTROL UNIT/LOT OR ONE SAMPLE PER LOT	EACH BATCH IN A CONSIGNMENT	RMTC	R/P	0.2 TO 1.1 gm/10 min	
3	5.28 TABLE 2	OXIDATION INDUCTION TIME (OIT)	IS 4984:2016 ANNEX-B	EACH CONTROL UNIT/LOT OR ONE SAMPLE PER LOT	EACH BATCH IN A CONSIGNMENT	RMTC	R/P	≥20 MIN	
4	5.28 TABLE 2	VOLATILE MATTER	IS 4984:2016 ANNEX-C	EACH CONTROL UNIT/LOT OR ONE SAMPLE PER LOT	EACH BATCH IN A CONSIGNMENT	RMTC	R/P	≤350 (mg/kg)	
5	5.28 TABLE 2	WATER CONTENT	IS 4984:2016 ANNEX-D	EACH CONTROL UNIT/LOT OR ONE SAMPLE PER LOT	EACH BATCH IN A CONSIGNMENT	RMTC	R/P	≤300 (mg/kg)	
II. FINISH PRODUCTS INSPECTION									
SR.NO.	CLAUSE NO. OF IS 4984:2016	NAME OF TEST	TEST METHOD	SAMPLING METHOD	FREQUENCY	DOCUMENTATION	INSPECTION BY MANUFACTURER	ACCEPTANCE STANDARD	
1	6.2	COLOR OF PIPE	IS 4984 : 2016	REVIEW AT END OF EACH COIL/LENGTH	EACH CONTROL UNIT	INSPECTION REPORT	P	SHALL BE BLACK COLOUR (CL.NO.6.2)	
2	6.2.1	IDENTIFICATION STRIP	IS 4984 : 2016	REVIEW AT END OF EACH COIL/LENGTH	EACH CONTROL UNIT	INSPECTION REPORT	P	THREE BLUE STRIP LINES AS PER CL.NO.6.2.1	
3	7.1	VISUAL APPEARANCE	IS 4984 : 2016	REVIEW AT END OF EACH COIL/LENGTH	EACH CONTROL UNIT	INSPECTION REPORT	P	CL.7.1	
4	7.4.1.1	MEAN OUTSIDE DIAMETER	IS 4984 : 2016	REVIEW AT END OF EACH COIL/LENGTH	EACH CONTROL UNIT	INSPECTION REPORT	P	CL.7.4.1.1/ TABLE 3	
5	7.4.1.1	WALL THICKNESS	IS 4984 : 2016	REVIEW AT END OF EACH COIL/LENGTH	EACH CONTROL UNIT	INSPECTION REPORT	P	CL.7.4.1.1/ TABLE 4	
6	7.4.1.2	OVALITY	IS 4984 : 2016	REVIEW AT END OF EACH COIL/LENGTH	EACH CONTROL UNIT	INSPECTION REPORT	P	TABLE 3 OF IS 4984:2016	
7	7.2	LENGTH OF STRAIGHT PIPE	IS 4984 : 2016	REVIEW AT END OF EACH LENGTH	EACH CONTROL UNIT	INSPECTION REPORT	P	CL.7.2 OF IS 4984:2016	
8	7.3	COILING	IS 4984 : 2016	REVIEW AT END OF EACH COIL	EACH CONTROL UNIT	INSPECTION REPORT	P	CL.7.3 OF IS 4984:2016 THE MIN. INTERNAL DIAMETER OF THE COIL SHALL NOT BE LESS THAN 18 TIMES OF NOMINAL OUTSIDE DIAMETER	
9	8.1.1	INTERNAL PRESSURE CREEP RUPTURE TEST OF PIPE (At 80°C For 48 Hrs.)	TABLE 5 & ANNEX - E OF IS 4984:2016	ONE SAMPLE PER LOT	EACH CONTROL UNIT	INSPECTION REPORT	P	TABLE 5 & ANNEX - E OF IS 4984:2016 IT SHALL NOT SHOW SIGN OF LOCALIZED SWELLING OR LEAKAGE AND SHALL NOT BURST DURING THE PRESCRIBED TEST DURATION.	
10	8.1.1	INTERNAL PRESSURE CREEP RUPTURE TEST OF PIPE (At 27°C For 100 Hrs.)	TABLE 5 & ANNEX - E OF IS 4984:2016	TABLE 7 OF IS 4984:2016	ONCE IN THREE MONTH	TYPE TEST REPORT	P/R		
11	8.1.1	INTERNAL PRESSURE CREEP RUPTURE TEST OF PIPE (At 80°C For 165 Hrs.)	TABLE 5 & ANNEX - E OF IS 4984:2016	TABLE 7 OF IS 4984:2016	ONCE IN THREE MONTH	TYPE TEST REPORT	P/R		
12	8.1.1	INTERNAL PRESSURE CREEP RUPTURE TEST OF PIPE (At 80°C For 1000 Hrs.)	TABLE 5 & ANNEX - E OF IS 4984:2016	TABLE 7 OF IS 4984:2016	ONCE IN SIX MONTH	TYPE TEST REPORT	P/R		
13	8.1.2	INTERNAL PRESSURE CREEP RUPTURE TEST OF PIPE JOINTS (At 80°C For 48 Hrs.)	TABLE 5 & ANNEX - E OF IS 4984:2016	TABLE 7 OF IS 4984:2016	ONCE IN THREE MONTH	TYPE TEST REPORT	P/R	IT SHALL NOT BE GREATER THAN 3%	
14	8.2	LONGITUDINAL REVERSION TEST	CL. 8.2 & ANNEX - F OF IS 4984:2016	ONE SAMPLE PER LOT	EACH CONTROL UNIT	INSPECTION REPORT	P		
15	8.3	CARBON BLACK CONTENT	IS 2530:1963	ONE SAMPLE PER LOT	EACH CONTROL UNIT	INSPECTION REPORT	P	2 TO 3 %	
16	8.3	CARBON BLACK DISPERSION	IS 2530:1963	ONE SAMPLE PER LOT	EACH CONTROL UNIT	INSPECTION REPORT	P	AS PER IS 2530, IT SHALL BE SATISFACTORY	
17	8.4	MELT FLOW RATE AT 190° C USING 5 kg load	IS 2530:1963	ONE SAMPLE PER LOT	EACH CONTROL UNIT	INSPECTION REPORT	P	AS PER IS 2530, MFR SHALL NOT DEVIATE FROM THE MFR OF RESIN BY MORE THAN 30%	
18	8.5	OXIDATION INDUCTION TIME (OIT)	IS 4984:2016 ANNEX-B	ONE SAMPLE PER LOT	EACH CONTROL UNIT	INSPECTION REPORT	P	≥20 MIN	
19	8.6	OVERALL MIGRATION	IS 4984:2016 IS 9845:1998 IS 10146:1982	TABLE 7 OF IS 4984:2016	ONCE IN THREE MONTH	TYPE TEST REPORT	P/R	Max 60 Mg/L AS PER IS 10146:1982	
20	8.7	DENSITY	IS 7328	ONE SAMPLE PER LOT	EACH CONTROL UNIT	INSPECTION REPORT	P	930 TO 960 kg/m³	
21	8.8	TENSILE STRENGTH FOR BUTT-FUSION	IS 4984:2016 ANNEX - G	TABLE 7 OF IS 4984:2016	ONCE IN YEAR	TYPE TEST REPORT	P/R	THERE SHOULD BE NO BRITTLE FAILURE.	
22	8.9	ELONGATION AT BREAK	IS 4984:2016 ANNEX - H & TABLE 6	ONE SAMPLE PER LOT	EACH CONTROL UNIT	INSPECTION REPORT	P	≥350%	
23	8.10	SLOW CRACK GROWTH RATE TEST	IS 4984:2016 ANNEX- J	TABLE 7 OF IS 4984:2016	ONCE IN YEAR	TYPE TEST REPORT	P/R	IT SHALL SHOW NO SIGNS OF LOCALISED SWELLING, LEAKAGE OR WEPPING & SHALL NOT BURST DURING THE PRESCRIBED TEST PERIOD.	
MARKING: COMPANY LOGO, TRADE MARK, HDPE PIPE, PE, DN, PN, SDR, ISI LOGO, IS:4984:2016, CM/L NO., BATCH NO., YYYMMDDMACHINE NO., SHIFT NO., MTR MARKING									
NOTE: P=PERFORM P=REVIEW RMTC=RAW MATERIAL TEST CERTIFICATE									
PREPARED BY: QA ENGINEER APPROVED BY:									

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Applications:

HDPE FITTING

- 1 HDPE pipes are ideal for use in saline environments.
- 2 The flexibility of HDPE, combined with the use of heat fusion to join the pipe, means fewer fittings are required.
- 3 It is Perfect weld ability
- 4 Highly reliable.

MDPE FITTING

- 1 Suitable for use with cold water plumbing applications both above and below ground
- 2 Excellent resistance to corrosion
- 3 Robust construction with high impact resistance
- 4 Greater Flexibility

PLB FITTING

- 1 Cable and service providers
- 2 Telecommunications
- 3 Computer Networking
- 4 Oil and Gas pipeline network

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HDPE FITTING

HDPE pipes and fittings are manufactured at state-of-the-art manufacturing plant. HDPE material is best suited against GI/DI as it is inert to most of the chemicals. Latest generation PE pipe grade raw material is used to provide ultimate strength to the product. HDPE pipes are mostly suitable for agriculture, potable water supply, industrial and utilities purpose. HDPE pipes and fittings are available in complete range of all varieties.

PLB FITTING

We offer PLB HDPE Pipes. These pipes are efficient enough to handle all kinds of strains for various industrial applications. The offered pipes are manufactured by our experts using premium quality raw material and the latest machines as per the set industry standards. We are a widely renowned organization instrumental in manufacturing and supplying PLB Duct Fitting. Our offered range is manufactured at our well-equipped manufacturing unit using sophisticated techniques.

MDPE FITTING

The most common type of pipe and fitting material now used to connect water mains to homes is MDPE. MDPE stands for medium-density polyethylene, and is a robust, heavy-duty material. MDPE pipes that are used to connect mains water supplies into homes are typically installed in underground trenches dug in the virgin ground. Our MDPE water pipe fittings are available in sizes 20mm to 125mm. These fittings are approved for above and below ground use, and can be used for potable



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Our Certificates



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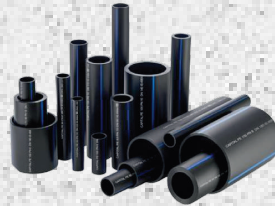
Our Clients



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Alex Pipes India Pvt. Ltd.

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Sonale Village, Bhiwandi, Thane, Maharashtra - 421 302, India. Ph: 02522-282599

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