

PE-X Pipes



With our technical expertise in offering excellent quality Pex Pipes Manufacturers, we have become one of the prominent Manufacturers in our domain. Fabricated with high grade raw materials by utilizing modern technology, our PEX Water Pipes are available to us at economical prices in different sizes, dimensions and breadths as per the technical requisites of our clients. Consequently, we are one of the well-known Exporters based in India. Our long lasting PEX Plumbing Pipe offers smooth and efficient flow characteristics owing to its perfect finishing. Since these pipes are light in weight, they can be easily carried, transported and installed at the desired destination. Moreover, these pipes are recognized for their excellent resistance to corrosion and chemicals.

Application

Superior chemical and environmental stress crack resistance.

IPS sizes 1/2" to 2" for use at temperatures up to and including 90°C.

Pressure rating varies to sizes of pipe at various temperatures as per table given below

Highly resistant to most acids, bases, salts, aliphatic solutions, oxidants, and halogens.

Ideally suited for potable water plumbing applications.

Scope

Outlined specification ASTM 2447 (Dimensions only). This pipe is intended for use in applications where the fluid conveyed does not exceed 90°C.

PE Materials

The material used in the manufacture of the pipe shall be domestically produced as well as imported from reputed manufacturer's, High Density Polyethylene with cross link agent (catalyst) and UV Stabilizer.

Dimensions

PEX Pipes shall be manufactured in strict accordance to the requirements of ASTM D 2447 (Dimensions only) for physical dimensions and tolerances. Fitment (Threaded) as per BSPT Standard. Each production run of pipe manufactured in compliance to this standard, shall also meet or exceed the test requirements for materials, workmanship, hydrostatic pressure, density, temperature test, tensile strength etc.

Unique Features

- Suitable for all weather condition.
- Lower thermal conductivity, hence lower heat loss.
- Common Pipes & Fittings for both COLD AND HOT water.
- Light weight, flexible and hygienic pipes & fittings.
- U. V. Stabilized.
- Easy to Install, repair and replace.
- Leak free joint with Teflon tape.
- Suitable to use up to 90°C (194°F)
- Also works in freeze conditions

Dimensions of Ganga PE-X Pipes as per ASTM D 2447

Nominal Diameter (Inch)	Outer diameter (mm)	Thickness of Pipe (mm)		Sustained Pressure Kg/cm ² at 23°C (73°F)	Sustained Pressure Kg/cm ² at 90°C (194°F)
		Min.	Max.		
1/2"	21.34	3.73	3.99	27.42	6.03
3/4"	26.67	3.99	4.25	22.50	4.95
1"	33.40	4.55	4.82	21.09	4.64
1 1/4"	42.16	4.85	5.13	16.87	3.71
1 1/2"	48.26	5.08	5.39	15.47	3.40
2"	60.32	5.54	5.87	12.67	2.79