

PEX Fittings



We are ardently engaged in offering a versatile range of PEX Fittings which are used for connecting tubes in numerous domestic, commercial as well as industrial applications like plumbing, heating, air pressure etc. We have the facility of custom fabricating our cross linked Polyethylene PEX Pipe Fittings like Elbow, Reducer, Red Tee and Union in different sizes, diameters and dimensions as per the specific requirements of our clients. Owing to this customer oriented approach, we have made our mark among the reckoned PEX Tube Fittings, IPS threaded pipe fittings, threaded plumbing system, IPS threaded systems Manufacturers based in India. Rendering trouble free operation, our high quality PEX Plumbing Fittings are demanded globally due to their excellent features of corrosion resistance and precise dimensional tolerance.

Application

Superior chemical and environmental stress crack resistance.

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

Pressure rating varies to sizes of Fittings 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 Fitting 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 Fittings shall be domestically produced or imported from reputed manufacturer's High Density Polyethylene with cross link agent (catalyst) and UV Stabilizer.

Dimensions

PEX Fittings 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 fitting 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 Feature

- 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.

Diemnsion of Ganga PE-X Fitting

Sr. No	Item	Wall Thickness (t ₁)	Wall Thickness (t ₂)	Socket Length (l ₁)	Socket Length (l ₂)
1	Elbow 1/2"	4.10		17.30	
2	Elbow 3/4"	4.25		17.50	
3	Elbow 1"	4.85		20.00	
4	Elbow 1-1/4"	5.50	-	20.50	-
5	Red. Elbow 1"x1/2"	5.10	4.10	19.70	14.20
6	Red. Elbow 1" x 3/4"	5.10	4.70	19.70	17.30
7	Red. Elbow 3/4"x1/2"	3.45	4.10	17.30	14.20
8	Tee 1/2"	4.10		17.30	17.30
9	Tee 3/4"	4.25		17.50	17.50
10	Tee 1"	5.10		20.00	20.00
11	Tee 1-1/4"	5.50	-	20.50	20.50
12	Red. Tee 1" x 1/2"	5.10	4.10	20.00	17.00
13	Red. Tee 1" x 3/4"	5.10	4.25	20.00	17.50
14	Red. Tee 3/4" x 1/2"	4.25	4.10	17.50	17.30
15	Socket 1/2"	4.10		17.30	
16	Socket 3/4"	4.25		17.50	
17	Socket 1"	5.00		20.00	
18	Socket 1-1/4"	5.50	-	20.50	-
19	Reducer 1-1/4" x 1"	5.50	5.00	20.50	20.00
20	Reducer 1" x 1/2"	5.00	4.10	20.00	17.30
21	Reducer 1" x 3/4"	5.00	4.25	17.50	17.50
22	Reducer 3/4" x 1/2"	4.25	4.10	17.30	17.30
23	Union 3/4"	4.50		20.00	
24	Union 1"	5.00		19.00	
25	Brass Elbow (F) 1/2"	4.10	4.50	19.00	14.50
26	Brass Elbow (F) 3/4"	4.25	5.00	21.00	14.70
27	Brass Elbow (F) 1"	5.10	5.40	21.00	17.10
29	Brass Red. Elbow (F) 1" x 1/2"	5.10	4.80	21.00	14.50
30	Brass Red. Elbow (F) 1" x 3/4"	5.10	4.25	19.00	14.70

31	Brass Red. Elbow (F) 3/4" x 1/2"	4.25	7.80	19.00	14.50
32	Brass Tee (F) 1/2"	4.10	6.30	17.20	14.70
33	Brass Tee (F) 3/4"	4.50	6.80	18.90	17.10
34	Brass Tee (F) 1"	5.10	6.10	20.20	14.50
35	Brass Red. Tee (F) 1" x 1/2"	5.10	6.80	20.20	14.70
36	Brass Red. Tee (F) 1" x 3/4"	5.10	6.80	18.90	14.50
37	Brass Red. Tee (F) 3/4" x 1/2"	4.50	6.80	19.10	14.50
38	Brass FTA 1/2" x 1/2"	4.10	4.50	18.90	19.30
39	Brass MTA 1/2" x 1/2"	4.10	4.80	19.00	14.70
40	1/2" End Cap	3.40		16.80	
41	3/4" End Cap	4.25		17.50	
42	1" End Cap	5.00		20.50	
43	Long Plug 1/2"	3.40		16.40	
44	Cross Tee 1/2"	4.10		17.30	
45	Ball Valve Plastic Threaded 1/2"	5.30		16.50	
46	Ball Valve Brass Threaded 1/2"	4.50		12.25	