

HDPE Pipes & Fittings

Prominent Customers are :

1. Telecommunication Department
2. Irrigation Department
3. Public Health & Engineering Department
4. Oil & Natural Gas Commission

Lighter than Water, Stronger than Steel

JAYSHREE POLYTEX HDPE Pipes are better alternate to conventional pipes such as Cast Iron, Galvanized iron, Aluminum and others. A feature comparison puts them in a class of their own. Lighter, No Corrosion, High Burst Strength, Chemical and Weather Resistance, Flexible, Better Flow Properties, Better Longevity, More Hygienic, Easier to install and much more economical in the long run. JAYSHREE POLYTEX Pipes come in a varied range of colors to suit any decor.



Merits of HDPE Pipes

Better Longevity : This is ensured by the strong ethylene polymer bond.

Resistant to Corrosion : This enables safe transportation of even strong acids & alkalis.

Light in Weight : This makes handling easier, cuts down transportation cost & effects easy & quick installation.

Flow Properties : Due to smooth internal surface of these pipes, frictional losses are very low (C-150). There is no formation of scales or residual deposits. Even small dia pipes have more flow compared to other conventional pipes.

Excellent Weather Resistance: Additions of selected antioxidants, carbon black & Stabilizers protect HDPE Pipes from ultra violet rays & prevent degradations. These pipes can withstand extreme climatic conditions & temperatures ranging between (-) 40° Celsius to 80° Celsius.

Hygienic & Safe : HDPE Pipes are non-toxic in nature & impart no odor or taste to portable water. These pipes are safe & free from water borne bacteria.

Butt Fusion Welding: The excellent welding properties of HDPE Pipes are utilized for a permanent joint. The most economical and easiest joint of all is the Butt Fusion Welding method. This totally eliminates the need for couplers.

Low Costs : Usage of HDPE Pipes prove economic as regards per metre costs, transportation cost, ground excavation cost, bed preparation costs, handling costs, joining and laying costs and costs of external production.

Varied Applications Of HDPE Pipes

The excellent properties and advantages of HDPE Pipes make them an effectively superior and cheaper substitute to cast iron, galvanized iron, aluminum and other pipes. They have gained popularity in various fields of application.

1. Portable water supply
2. Sprinkler systems for lawns, Golf Green Gardens, Tea Plantations, Coffee Estates, Nurseries etc.
3. Conveying strong acids and alkalis
4. Drainage Pipe Systems for surface and rain water, waste water mains, soil water etc.
5. Effluent streams in Chemical Industry
6. Telephone Cable Castings
7. Lift and gravity irrigation systems
8. Sewerage pumping & effluent conveyance systems
9. Gas distribution systems
10. Marine & submarine pipe line
11. Sand dredging
12. Food processing Industry
13. Compressed air lines, above & underground cable ducting
14. Column pipes for submersible/jet pumps
15. Water well casing & Screen, Irrigation and tube wells



Contents of Kit

1. 1pc universal tap connector
2. 4pc straight connector 16mm
3. 2pc tee 16mm
4. 2pc bend 16 mm
5. 4pc end closer
6. 40pc unregulated emitter 4lph
7. 10pc miss punch plug 4mm
8. 1pc punch tool
9. 16 mtrs extension tube 6 mm
10. 2 x 20 mtrs lateral pipe 16 mm



PE Pipe

Product Name: Polyethylene (PE) Pipes

Range: Dia: 20 mm to 1000mm OD, 2.5 Kg/cm² to 16 Kg/cm²

Standards: IS: 4984, ISO 4427, DIN 8074/75

Grade: PE 63, PE 80, PE 100

Colour: Black with blue stripes

Application: Potable Water Supply, Lift Irrigation, Pumping main & distributory pipe line, A chemical, fertilizer, Food & Dairy Plants pipe lines instead of metal or cement pipes.



Product Name: Polyethylene (PE) Pipes

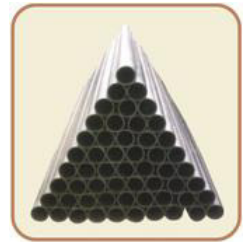
Range: Dia: 63 mm to 1000mm OD,

Standards: 2.5 Kg/cm² to 16 Kg/cm²

Grade: IS: 14333, ISO 4427, DIN 8074/75 PE 63, PE 80, PE 100

Colour: Black

Application: Sewage, Drainage, Effluent disposal, Waste Water Disposal pipeline, SLF waste water collection pipes, In place of Existing ACC, Cement & metal sewage pipelines.



PE Fitting

Product Name: Injection Moulded & Fabricated

Range: Dia: 32 mm to 1000mm

Moulded: Pipe End, Slip-on Flange, Reducer, Blind Flange, Up to 12.5 Kg/cm²

Fabricated: Bend, Tee, Cross, Unequal Tee, Reducer Up to 12.5 Kg/cm²

Standards: IS: 8008 (part I to VI)

Application: Various types of fittings used to join & end connection of Pipeline.



HDPE Lateral Pipes

Lateral

Product Name: Lateral

Range: Dia: 12mm, 16mm, 20mm, 25mm and 32mm OD

Standards: IS 12786

Application: For Drip, Micro Sprinkler and Mini Sprinkler System.



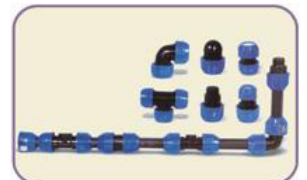
Compression Fitting

Product Name: 'Apple' Compression fittings

Range: Dia: 20mm OD to 110mm OD

Type: Coupler, Bend, Tee, Reducer, End Cap, MTA, Flange joint

Application: Joints Pipe in easy way, No fusion welding, No electricity required, Just one unskilled labour Required.



Duct Accessories

Product Name: Duct Accessories

Range: Dia: 32mm, 40mm, 50mm

Standards: TEC Specifications (BSNL/DOT)

Application: OFC Laying, Cable Laying & Fixing

