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HDPE Pipes & Fittings - IS-4984 (2016)

SORKHI INDUSTRIES is engaged in offering top quality HDPE Pipes in the Agricultural Industry. The High-Density Polyethylene Pipe of our company is repeatedly appreciated for superior strength and longevity. Owing to the superior quality of our Underground Pipelines System, we are acknowledged as one of the reliable Manufacturers and Suppliers.

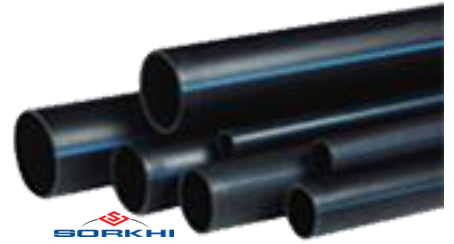


“SORKHI” HDPE Plain (High Density Poly Ethylene) pipes are widely used in water supply and irrigation applications. Manufactured as per IS 4984. It is high quality product encompassing the use of PE 63, PE 80 and PE 100. SORKHI is manufacturing complete range from virgin raw material with state-of-the-art manufacturing facility, this piping system gets through numerous quality checks in our lab on raw material as well as on pipes before being deployed in the field. SORKHI HDPE pipes are being used for Underground, Above Ground, Under Water and Floating pipe applications and also working temperature from -40°C to +45°C.



Applications:

- Fresh Water Supplies
- Waste Water Disposal
- Effluents of Varied Chemical Composition
- Micro and Sprinkler irrigation System
- Infrastructure projects
- Lift and water supply irrigation system
- Sewerage & Drainage effluent disposal



Product Range: 16mm OD to 500 OD mm

Materials:

- PE-63 /PE-80 / PE-100



Pressure Ratings:

- PN-4 /PN-5/PN-6 /PN-8 /PN-10 /PN-12.5/PN-16/PN-20

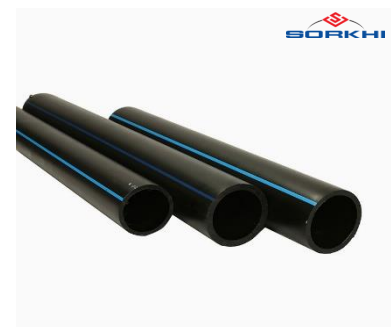
Key Features:

- Manufactured from High grade virgin food grade raw material (PE 63, PE 80 and PE 100), Non-toxic and suitable for potable water supply
- Chemically inert as well as excellent corrosion and abrasion resistance
- Very low electrical and thermal conductivity
- Excellent performance in aggressive climatic conditions having superior Uv and low temperature resistance with antimicrobial properties
- Easy to handle, telescopic transportation and fast and cheaper installation
- Smooth inner walls enhancing high flow with less friction loss and superior water hammer resistance
- High Impact Strength, high toughness and excellent crush resistance
- High Durability and Excellent Service Life of more than 50 years
- Due to flexibility, ideal for earthquake prone areas
- Leak proof Joint and suitable with different HDPE joining methods



Test Conducted:

- Raw Material Test
- Dimension, Length, Colour, Strip Identification & Visual Appearance Test
- Internal Pressure Creep Rupture Test of Pipes and Pipe Joints
- Longitudinal Reversion Test
- Carbon Black Content & Dispersion Test
- Melt Flow Rate Test
- Oxidation Induction Time Test
- Overall Migration Test
- Density Test
- Tensile Strength Test for Butt-fusion joint
- Elongation at Break Test
- Slow Crack Growth Rate Test



DIFFERENT JOINING METHODS

- Fusion Welding including Butt Fusion/ Socket Fusion and Electro Fusion Welding
- Insert type Joints /Compression / Push fit Joint /Flanged Joint /Spigot & Socket Joint

SORKHI INDUSTRIES PRIVATE LIMITED

Corp Office :- VPO Sorkhi Tehsil Hansi, Distt. Hisar, Haryana – 125033 / Contact No :- + 91 92156 62225

Delhi Office :- Contact No :- +91- 9215662290 & 91-9215662289/Email – teamsorkhi@gmail.com

Email :- marketing@sorkhiindustries.in / www.sorkhidwcpipe.com