



Benefit and Advantage of HDPE Pipe

- Butt fusion joining of HDPE pipe produce a leak free joint
- No gasket or hardware required
- The butt fusion weld is a strong as the pipe itself
- Electrofusion joining produce leak free joint in confined space
- Smoother ID than steel, cast iron, ductile iron, or concrete pipe
- Smaller pipe can carry equivalent flow
- "Non-tick" inner surface and corrosion resistance provide excellent hydraulic characteristics for pipe service life
- Produced in straight length and coil
- Material about 1/8 density of steel
- Excellent for use in shifting oil or chemically active area
- Reduced effect of freezing
- Available in long length on coil & reel
- Pipe can often be bent to accommodate terrain - reduce need for fitting
- Flexibility allow ease in installation by horizontal directional drilling
- Flexibility ease in installation on relining project
- Flexibility ease in installation in constrained site
- Lightweight reduce equipment requirement for handling
- More resistant to acid, base and salt than most other pipe material
- Does not rust, rot, corrode, tuberculate or support biological growth
- Require neither special coating nor cathodic protection
- Excellent abrasion resistance
- Resists external load
- Resists vibration
- Resists pressure surge
- Tolerate handling and bending in severely cold weather
- Tough
- Impact resistant

