

Fiberglass conduit is used in underground and bridge applications.

Fiberglass conduit is sometimes referred to as FRE, Fiberglass Reinforced Epoxy conduit.

Benefits of Fiberglass Conduit

Low Installation Costs

- » Light weight - One worker can easily carry 100 feet of 4" (under 70 lbs.).
- » Fast and easy to handle - 20 ft. sections speed assembly (3/4" - 1 1/2" in. 10 ft.).
- » No special skills necessary - Mate spigot end to bell end, drive in for a strong, watertight joint, no threading or gluing necessary.
- » Year round installation - Fiberglass conduit does not become brittle at low temperature and does not expand or sag excessively during hot spells.
- » Low coefficient of friction - Fiberglass conduit has an exceptionally smooth hard interior that allows longer cable lengths to be pulled, eliminating expensive condulets, manholes and joints.
- » Utility studies tell us installation can run as high as 60-80% of total system cost - Fiberglass will significantly reduce labor and may reduce material costs.

Low Maintenance Costs

- » Rustproof, corrosion and chemical resistant - Fiberglass conduit is much less susceptible to degradation from UV, moisture, solvents and chemicals can will last longer than steel, coated steel and PVC.
- » Pound for pound no other conduit is as strong - Fiberglass conduit exhibits outstanding compressive strength and impact resistance, it's less susceptible to mechanical damage than other systems.
- » Made of thermoset fiberglass material, fiberglass conduit withstands temperature extremes, maintains high mechanical strength from -40 degrees C to +110 degrees C.
- » Utility studies tell us installation can run as high as 60-80% of total system cost - Fiberglass will significantly reduce labor and may reduce material costs.

Key Product Features

- » A full line of conduits, bends, sleeves, fittings and adapters are available in stock sizes from 3/4" through 8" and condulets are available in sizes 3/4" through 4".
- » UV resistant, fire resistant, non-toxic thermoset material - UL, CSA and NEC listed for use virtually anywhere above ground or buried.
- » The best corrosion resistance of any material on the market to guarantee a long, maintenance free life.
- » Low coefficient of friction and outstanding mechanical hardness for easy cable pulls with no burn through at bends and joints.
- » Low thermal expansion and contraction means fewer expansion joints and reduced installation costs.
- » Value packed features that lower installation costs and keep system virtually maintenance free.