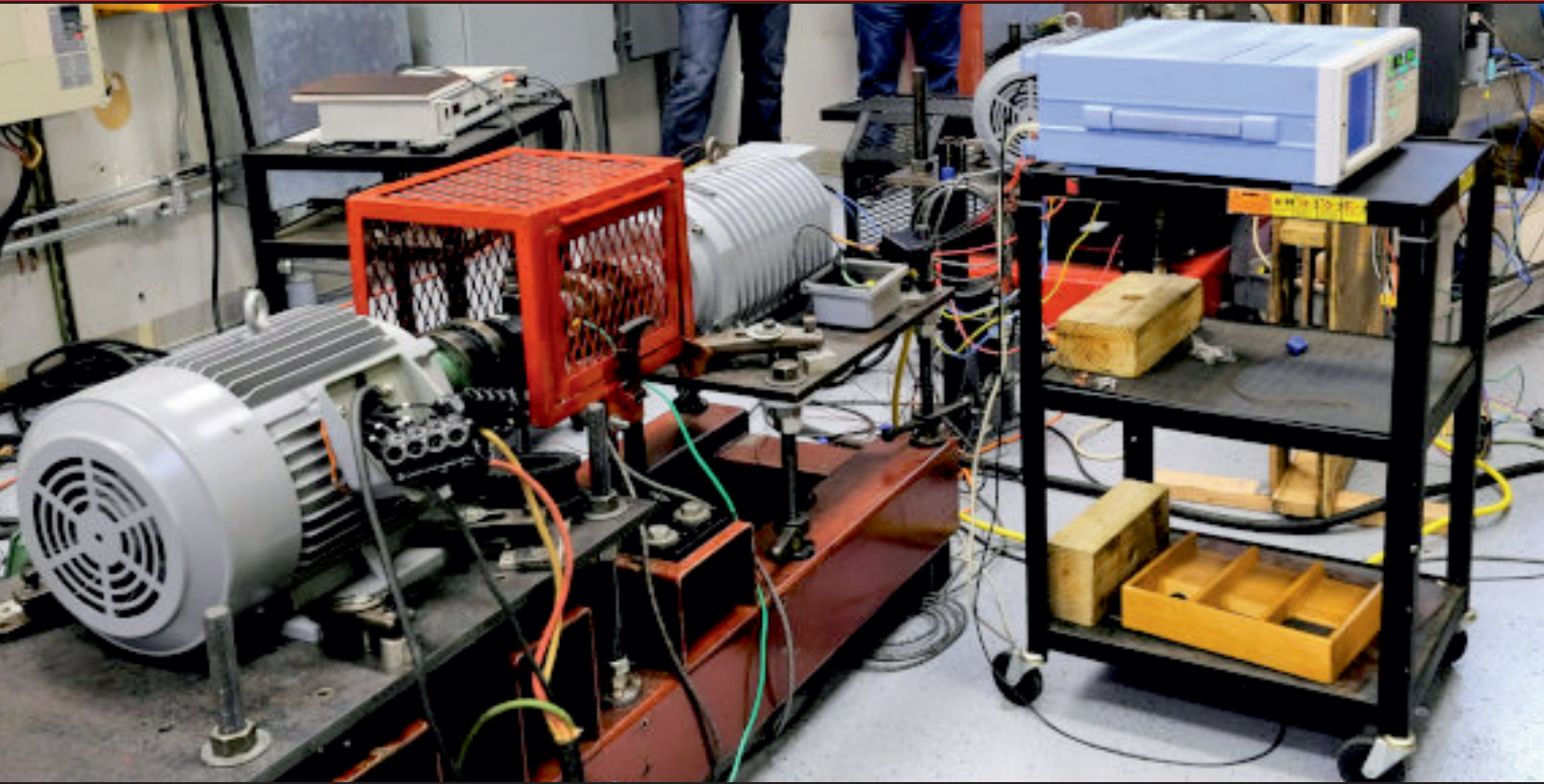


FIBRE GLASS WIRES

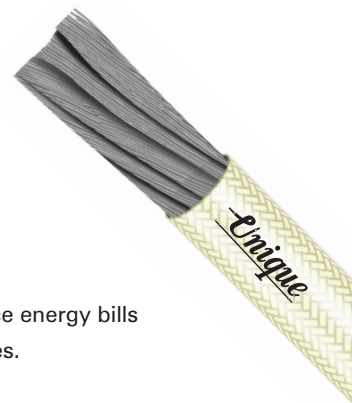


Application

Fiberglass cables are made of fiber-reinforced plastic and are known for their durability, insulation, and resistance to heat, chemicals, and abrasion. They are often used in industrial applications, such as in furnaces, motors, and high-performance electrical systems. Fibreglass Lead Wires has non-porous glass tape lapping which ensure the protection of metal from corrosion effects. Fibreglass Lead Wires is widely used with high temperature instruments such as electric heater, electric motor and many other industrial use.

Description

Annealed tinned Copper stranded wires twice wounded opposite and well overlapped with polyester films braided with fibreglass yarn and impregnated with high class insulating thermosetting varnish flexible up to temperature from 70°C to 200°C. It resists moisture chemicals, flames fungus radiation, corona discharged and acids ozone attack and even manages to retain excellent de electric properties when burnt.



Properties of Fibre Glass

- **Fire Resistance** : Fibre Glass is non combustible and won't catch fire or spread flames.
- **Thermal Conductivity** : Fibre Glass has low thermal conductivity, making it a good insulator. This can help reduce energy bills
- **Dimensional stability** : Fibre Glass doesn't warp or shrink over time, even when exposed to temperature changes.
- **Chemical Resistance** : Fibre Glass can be used in places that may come into contact with chemicals.
- **Electrical Insulation** : Fibre Glass is a good insulator, even when it's not very thick.
- **Mechanical Strength** : Fibre Glass is stronger than steel, making it useful for high-performance applications.
- **Non-Totting** : Fibre Glass won't rot and is resistance to rodents and insects.
- **Dielectric Permeability** : Fibre Glass is suitable for electromagnetic windows.

Range:

Single core : 0.5 sqmm to 300 sqmm
 Multicore : As per specific requirement