

FIBER GLASS WIRES AND CABLES



FIBER GLASS WIRES & CABLES are for high temperature applications which has an outstanding and unique combination of electrical, thermal, mechanical & chemical properties. Cable conductors like annealed bare or tinned copper are closely braided with FIBER GLASS Yarn and impregnated with high temperature impregnation.

They are normally recommended for continuous use from **130 to 180 °C** with impregnation and up to **500°C** without impregnation. FIBER GLASS WIRES are ideal for general application requiring moderate abrasion, moisture resistance & high temperature resistance. It has got superior thermal properties as it dissipates heat faster and high thermal endurance as it cannot be burned.

ELTEC FIBER GLASS WIRES are manufactured from **0.5 sq.mm to 70 sq.mm**

APPLICATIONS	PRODUCT FEATURES
<ul style="list-style-type: none"> Hook up wires for high temperature panels Wiring for Heaters, Ovens & Furnace Transformer winding Power Cables for Boiler & various High Temperature Processing Equipment High Temperature Motors, Transformers & Rectifiers 	<ul style="list-style-type: none"> Continuous use up to 450 °C without impregnation Good Thermal Properties as it dissipates heat faster Flame Retardant Superior Abrasion Resistance High Die Electric strength and low die electric constant

PRODUCT SPECIFICATIONS:

Conductor	Annealed Bare Copper, Tin Plated Copper, Nickel Plated Copper, Copper – SS Mix conductor
Core Insulation	Braided Fiber Glass Yarn with High Temperature Impregnation
No. of core	Single or Multi core
Construction	Parallel or Twisted
Outer Sheath	Braided Fiber Glass Yarn with High Temperature Impregnation
Outside Jacket	Outside SS Metal braid

- Optional conductor type i.e. annealed bare copper, tin plated or nickel plated copper, Copper – SS Mix conductor depending upon the client's requirement
- Impregnation maintained up to **180 °C**. Option for supply of wire without impregnation for continuous operation at elevated temperature.
- Other sizes in SWG and also different construction in other stranded sizes are available on request

ELTEC CABLES & INSTRUMENTS

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