eltec

EMPOWERING PROCESS MANAGEMENT

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 50 sq.mm***

APPLICATIONS	***PRODUCT FEATURES***
• ***Hook up wires for high temperature panels***	• ***Continuous use up to 450 °C without impregnation***
• ***Wiring for Heaters, Ovens & Furnace***	• ***Good Thermal Properties as it dissipates heat faster***
• ***Transformer winding***	• ***Flame Retardant***
• ***Power Cables for Boiler & various High Temperature Processing Equipments***	• ***Superior Abrasion Resistance***
• ***High Temperature Motors, Transformers & Rectifiers***	• ***High Die Electric strength and low die electric constant***

PRODUCT SPECIFICTIONS:	
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* ***200 °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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