



EMPOWERING PROCESS MANAGEMENT



### Silicone Rubber Insulated Tinned Copper Wires



ELTEC is offering SILICONE RUBBER CABLES with different type of conductors such as Tin Plated Copper, Nickel Plated Copper, Silver Plated Copper, Bare Copper etc. Silicone Rubber have fine electrical properties, good chemical stability, flame retardant, low smoke emission and excellent resistance to heat and cold.

Silicone rubber has exceptional weather resistance. Ozone created by corona discharge does not deteriorate silicone rubber. Thus, silicone rubber can be exposed to wind, rain and UV rays for longer periods without any change in its physical properties.

APPLICATIONS	PRODUCT FEATURES
<ul style="list-style-type: none"> <li>• Electric Motors</li> <li>• Generators, Alternators, Inductors &amp; Transformers</li> <li>• Industrial Furnaces, Ovens &amp; Thermal Equipments</li> <li>• Ventilators &amp; Other Medical Equipments</li> <li>• Processing Ind. Steel, Cement, Glass etc.</li> <li>• Lightning &amp; Air Conditioning</li> </ul>	<ul style="list-style-type: none"> <li>• Confirms to IEC 60092, 60331, 60332-1, 60332-3</li> <li>• Wide temp. range from -55 °C to 200 °C</li> <li>• Excellent resistance to flame, heat &amp; electrical</li> <li>• Excellent resistance to grease, oil &amp; chemicals</li> <li>• Better flexibility &amp; outstanding toughness</li> <li>• Weather &amp; Moisture Resistance</li> </ul>

#### PRODUCT SPECIFICATIONS:

Conductor Material	Annealed Tinned Multi stranded flexible Copper wires (Class 5) confirming to IS:8130 of 1984
Size of wire in sq.mm	0.50 sq.mm to 250 sq.mm or even more
Core Insulation	Silicone Rubber Insulation as per Type IE-5 of IS: 6380-1984
Core Colors	Red, Orange, Black, Blue, Green, Yellow, White, Brown or any other as per client's requirement

#### ELECTRICAL PROPERTIES:

Voltage Grade	1100 V
High Voltage Test	3 KV for 5 Minutes



### ELTEC CABLES & INSTRUMENTS

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