

RUBBER CABLES:



ELTEC is offering RUBBER CABLES with different type of elastomeric sheathing suitable for various Industrial needs. Technologically advanced polymers like EPDM, CSP, CPE, PCP, NBR, EVA, Silicone halogen free, non toxic, heat, oil resistant and fire retardant compounds are specially formulated to manufacture these SPECIAL RUBBER CABLES.

APPLICATIONS	PRODUCT FEATURES
<ul style="list-style-type: none"> Power Cables Mining Cables Welding Cables Flexible Trailing Cables Elastomeric Instrumentation Cables Rubber Cables for NUCLEAR POWER PLANTS 	<ul style="list-style-type: none"> Confirms to IS:9968, BS 6500, BS 7919, IEC 60502 Wide temp. range from -55 °C to 200 °C Excellent resistance to flame, heat & electrical Excellent resistance to grease, oil & chemicals Better flexibility & outstanding toughness Immune to agene, fungus

Material	Maximum Working Temperature °C (°F)	Max. conductor temp for short circuit rating °C (°F)	Minimum Working Temperature °C (°F)
ETHYLENE PROPYLENE RUBBER (EPR)	90 (194)	250 (482)	-50 (-58)
POLY CHLORPRENE (PCP)	90 (194)	200 (392)	-40 (-40)
CHLOROSULPHONATED POLYETHYLENE (CSP)	90 (194)	250 (482)	-35 (-31)
SILICONE RUBBER	180 (356)	350 (662)	-55 (-67)
STYRENE BUTADIENE RUBBER (SBR)	60 (140)	200 (392)	-55 (-67)
Natural Rubber (VIR & TRS)	60 (140)	200 (392)	-55 (-67)
NITRILE BUTADIENE RUBBER (NBR)	90 (194)	200 (392)	-30 (-22)

PRODUCT SPECIFICATIONS:

Conductor	Annealed Tinned Multi stranded flexible Copper wires (Class 5) confirming to IS:8130 OF 1984
Core Insulation	General Service elastomer compound type IE1, Heat Resisting elastomer compound type IE 2 / IE3, Silicone Rubber Type IE 5, Specially formulated material are VIR/TRS / EPR / SILICONE / EVA / PCP / CSP / CPE / NBR
No. of core	1, 2, 3 or more
Construction	Twisted
Fillers	Elastomer based fillers compatible with Insulating Material
Outer Sheath	General purpose sheath Tyep SE1/SE2 or Heavy Duty Sheath type SE 3 / SE 4, Specially formulated material VIR/TRS / EPR / SILICONE / EVA / PCP / CSP / CPE / NBR
Outer SS Metal braid	SS 304 L bright mirror finished braid



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16, Bhaktinagar Station Plot, Rajkot-360 002. INDIA.
 Tel. : +91 281 2480400 URL : www.thermocouplewire.co.in
 E-mail : eltecinc@gmail.com | sales@thermocouplewire.co.in

RUBBER CABLE INDUSTRIAL APPLICATIONS

FLEXIBLE TRAILING CABLES	<i>Reeling unreeling, Trailing, Festooning, Mobile Machines, Cranes, Coal Handling and Conveyors</i>
MINING CABLES	<i>Open cast, Coal or other mines and mining machines</i>
THERMAL POWER PLANTS	<i>For coal handling plants, flexible power and control application</i>
CABLES FOR STEEL PLANTS	<i>Flexible and high temp withstanding cables for furnace, melting shops, material handling</i>
WIND ENERGY	<i>Flexible cables for power and control for Wind Mill generator connection</i>
FIRE SURVIVAL CABLES	<i>Fire Survival for 3 Hrs or 20 Min</i>
SHIP WIRING	<i>As per IEC specs and Naval specs DGS or DEFSTAN, NES</i>
OFFSHORE and ONSHORE	<i>For Platforms and Rigs as per IEC and BS or NEK specs</i>
SHORE SUPPLY AND GENERATOR CABLES	<i>For charging of ship batteries and supply from mobile generators</i>
MOTOR COIL LEADS	<i>Elastomeric and Silicon as per IS, BS, or OEM specifications</i>
HIGH TEMP CABLES	<i>Silicon insulated, glass fiber braided or unbraided</i>
PUMP CABLES	<i>For Water , submersible and sewerage pumps</i>
CABLES FOR RAILWAYS	<i>Coach wiring, Metro railway</i>
PANEL WIRING	<i>For superior flexibility, high power high temp zone, polluted or moist atmospheres</i>
BATTERY CABLES	<i>For High current and long life</i>
LOW TEMPERATURE INSTALLATIONS	<i>Suitable for subzero temperature installations and operations</i>
MISC. APPLICATIONS	<i>Outdoor High mast lighting, Site power supply, White goods, Oil or Chemical resistant</i>



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