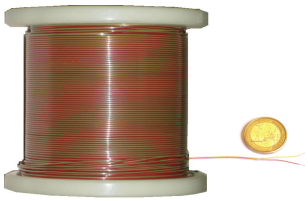
Thermocouple wire

T40 Fine gauge insulated thermocouple wire max. 260°C



Ultra thin insulated fine gauge thermocouple wire for fast responseStandard Type K or T Solid thermocouple wires, each only 0.08 mmConductor insulation extruded PFA,Type K colour yellow (+) and red (-), T Blue(+) and Red(-).Wires in parallel side by side and provided with a transparent outer sheath PFAMaximum temperature -70 to 260 °COuter dimensions 0,38 x 0,61 mm.Optionally we can make these wires on length of course a welded hot junction.

Ordering code	
Type	T 40

T00 Thermocouple wire twisted pair PVC -30°C to 105°C

Solid thermocouple wires, single pair. Conductors PVC insulated and twisted together. Accuracy conforms to IEC 584. Temperature range -30°C to 105°C. 0.5mm wires dimension 1.6mm each, 0.8mm wires dimension 2.3mm each, 1.0mm wires dimension 2.9mm each. Ideal for making thermocouples and suitable for a variety of applications in research and development, HVAC industry, concrete-drying or greenhouses. PVC extruded insulation is fully protected from water ingress. Excellent dielectric strength. IEC colour coded cable stocked for immediate delivery.

Ordering code	
Type	T 00

T01 Thermocouple cable PVC -30°C to 105°C

Solid thermocouple wires. Each wire PVC insulated, laid side by side and PVC sheathed. Accuracy conforms to IEC 584. Temperature range -30°C to 105°C. 0.5mm wires, dimensions 1.6x3.8mm. 0.8mm wires, dimensions 2.3x4.2mm, 1.0mm wires dimensions 2.9x4.6mm. This general purpose thermocouple cable is suited for a variety of applications in research and development, HVAC industry, concrete-drying or greenhouses. Since this PVC cable is extruded it is fully protected from water ingress. Excellent dielectric strength. IEC colour coded cable stocked for immediate delivery.

Ordering code	
Type	T 01

T05 Thermocouple wire twisted pair FEP -70°C to 215°C

Solid thermocouple wires, single pair. Conductors insulated by extruded FEP and twisted together. Accuracy conforms to IEC 584. Temperature range -70°C to 215°C. 0.2mm wires dimension 0.6mm each. 0.5mm wires dimension 0.8mm each. 0.8mm wires dimension 1.1mm each. The FEP will withstand nearly all known chemicals, oils and fluids. Ideal for making thermocouples and suitable for a variety of high temperature applications in research and development, HVAC industry, autoclaves or sterilizers. Excellent dielectric strength. IEC colour coded cable stocked for immediate delivery.

Ordering code	
Type	T 05

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Thermocouple wire

T06 Thermocouple cable PTFE -75°C to 250°C

Solid thermocouple wires. Each wire PTFE insulated, laid side by side and extruded PTFE sheathed. Accuracy conforms to IEC 584. 0.2mm wires dimensions 1.0x1.5mm, 0.5mm wires dimensions 1.3x2.0mm, 0.8mm wires dimensions 1.8x3.2mm. The PTFE will withstand nearly all known chemicals, oils and fluids. Ideal for making thermocouples and suitable for a variety of high temperature applications in research and development, HVAC industry, autoclaves or sterilizers. Excellent dielectric strength. IEC colour coded cable stocked for immediate delivery.

Ordering code	
Type	T 06

T11 Thermocouple cable Kapton® -265°C to 315°C

Solid thermocouple wires, single pair. Each wire insulated with fused Kapton® tape, laid side by side and wrapped with Kapton® tape. Accuracy conforms to IEC 584. 0.25mm wires,dimensions 1.0x1.6mm 0.5mm wires, dimensions 1.2x2.0mm 0.8mm wires, dimensions 1.5x2.5mm The Kapton® will withstand nearly all known chemicals and has excelent abrasion resistance and mechanical strength. Ideal for making thermocouples and suitable for a variety of cryogenic and high temperature applications in research and development, and aerospace industry. Excellent dielectric strength.

Ordering code	
Type	T 11

T12 Thermocouple cable glassfibre 0°C to 400°C

Braided Glassfibre wire insulation, laid side by side. Glassfibre braided overall, impregnated with a silicone varnish. Accuracy conforms to IEC 584. 0.2mm wires dimensions 1.2x1.9mm, 0.5mm wires dimensions 1.7x2.5mm, 1.0mm wires dimensions 2.2x3.4mm. Ideal for making thermocouples and suitable for a variety of high temperature applications in steel and aluminum industry, casting, heat treatment, component testing, furnace surveys and welding control. Option: Stainless steel braided overall.

Ordering code	
Type	T 12

T13 High temperature glassfibre thermocouple cable -60°C to 750°C

Braided Glassfibre wire insulation, laid side by side. Glassfibre braided overall, impregnated with a silicone varnish. Accuracy conforms to IEC 584. 0.2mm wires dimensions 1.2x1.9mm, 0.5mm wires dimensions 1.7x2.5mm, 1.0mm wires dimensions 2.2x3.4mm. Ideal for making thermocouples and suitable for a variety of high temperature applications in steel and aluminum industry, casting, heat treatment, component testing, furnace surveys and welding control. Option: Stainless steel braided overall.

Ordering code	
Type	T13

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Thermocouple wire

T14 High temperature glassfibre thermocouple wire -60°C to 750°C

Braided fiberglass conductor insulation, glass fiber over each wire, impregnated in order to prevent raveling. Accuracy according to IEC 584 Class 1. Solid conductors 0.711mm diameter, and approximately 1.7mm outer diameter per wire, twisted together.Suitable for making thermocouples for high temperature applications in the steel and alumiumindustrie, foundries, furnace research, welding, foundries and heat treatment. Measuring range -60 °C to 650 °C with 750 °C peak.

Ordering code	
Type	T 14

T15 Thermocouple cable Ceramic Fibre 0°C to 1430°C

Solid type K thermocouple wires 0.8mm each. Accuracy conforms to IEC 584. Braided Ceramic fibre wire insulation. Each conductor laid side by side and braided with Ceramic fibre. Overall with Ceramic fibre braided. Overall dimensions 2.9 x 4.5mm Ideal for making thermocouples and suitable for a variety of high temperature applications in steel and aluminum industry, casting, heat treatment, component testing, furnace surveys and welding control.

Ordering code	
Type	T 15

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temperature sensor solutions

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