



THERMO-TREX[®]

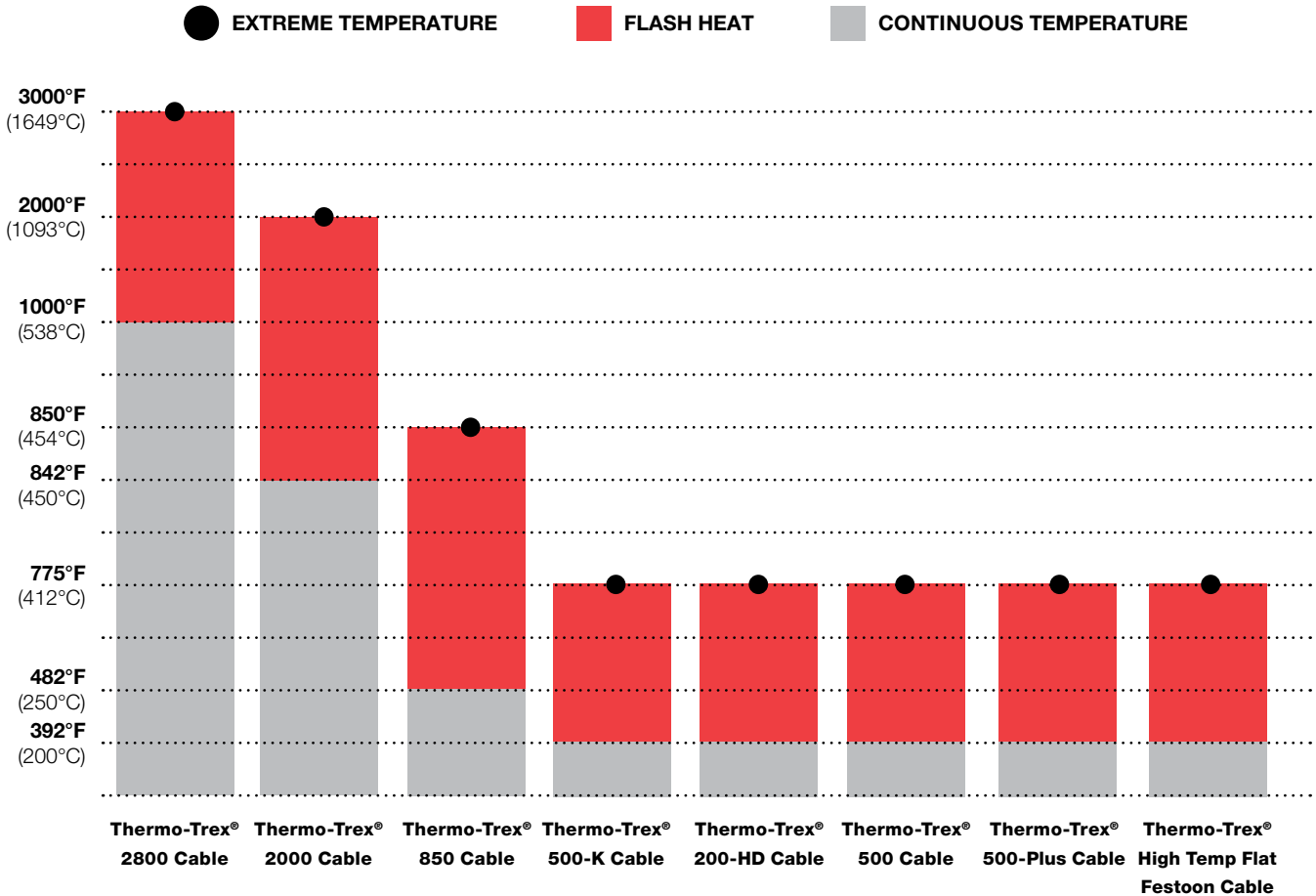
Family of High Temperature
Wire, Cable & Sleeving



TPC WIRE & CABLE CORP.
EXPECT HIGH PERFORMANCE[®]

Cable Selection Guide for High Temperature Environments

TPC's Thermo-Trex® brand cable is the source for a high temperature resistant cable available in many configurations that offers gauge sizes for power or control applications. Flexibility is achieved by using finely stranded, nickel-plated copper conductors and a specially woven glass-braid jacket impregnated with abrasion resistant finishing compounds. These cables are a specialized family of high temperature wire and cable for your maintenance applications. Choosing the right product for high-heat environments reduces unnecessary replacements and avoids downtime. Use the chart below to make the best choice for your high temperature environment. If you have any questions, please contact your sales representative or call us at 800-521-7935.



HIGH TEMPERATURE CABLES

Thermo-Trex® 2800: High heat resistance allows this cable to withstand continuous temperatures up to 1,000°F and flash heat up to 3,000°F.

Thermo-Trex® 2000: High heat resistance allows this cable to withstand continuous temperatures up to 850°F and flash heat up to 2,000°F.

Thermo-Trex® 850 Cable: High heat resistance allows this cable to withstand continuous temperatures up to 500°F and flash heat up to 850°F.

Thermo-Trex® 500-K Cable: High heat resistance allows this cable to withstand

continuous temperatures up to 392°F and flash heat up to 775°F. The aramid fiber braid jacket adds tensile strength and added protection against abrasion. It is available in single or multi-conductors.

Thermo-Trex® 500 Cable: High heat resistance allows this cable to withstand continuous temperatures up to 392°F and flash heat up to 775°F.

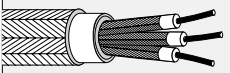
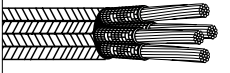
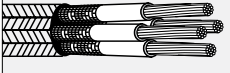
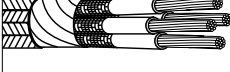
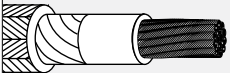

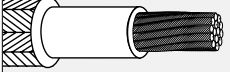
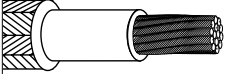


Thermo-Trex® 200-HD Cable: High heat resistance allows the Thermo-Trex® 200-HD to withstand continuous temperatures up to 392°F (200°C) and flash heat up to 775°F (413°C). The high-density fabric jacket adds protection against cut-through and abrasion.

Thermo-Trex® 500-Plus Silicone Cable: Thermo-Trex® 500-Plus Silicone Cable is designed with a tear resistant silicone jacket and rated at a conductor temperature of 200°C (392°F). It is an ideal choice for applications exposed to high temperatures, UV light and mechanical abuse. This is a low smoke zero halogen (LSZH) product.

Thermo-Trex® High Temp Flat Festoon Cable: High heat resistance allows this cable to withstand continuous temperatures up to 392°F. Finely stranded, nickel-plated copper conductors ensure a high degree of flexibility in festoon applications.




HIGH TEMPERATURE CABLES

Thermo-Trex® is the source for a high temperature resistant cable available in many configurations that offers gauge sizes for power or control applications. Flexibility is achieved by using finely stranded conductors and a specially woven fiberglass jacket impregnated with heat and moisture resistant finishing compounds.

PRODUCT NAME	RATINGS
 Thermo-Trex® 2800 Cable	<ul style="list-style-type: none"> • UL Listed • 600 V • RoHS Compliant • Continuous Temps up to 1000°F (537°C) • Extreme Temps up to 3000°F (1649°C)
 Thermo-Trex® 2000 Cable	<ul style="list-style-type: none"> • 600 V • RoHS Compliant • Continuous Temps up to 850°F (454°C) • Extreme Temps up to 2000°F (1093°C)
 Thermo-Trex® 850 Cable	<ul style="list-style-type: none"> • UL Recognized • CSA • 600 V • Continuous Temps up to 500°F (260°C) • Extreme Temps up to 850°F (454°C) • RoHS Compliant
 Thermo-Trex® 500-K Multi-Conductor Cable	<ul style="list-style-type: none"> • 600 V • RoHS Compliant • Continuous Temps up to 392°F (200°C) • Extreme Temps up to 775°F (413°C)
 Thermo-Trex® 500-K Single Conductor Cable	<ul style="list-style-type: none"> • UL Recognized • 600 V • RoHS Compliant • Continuous Temps up to 392°F (200°C) • Extreme Temps up to 775°F (413°C)
 Thermo-Trex® 200-HD Multi-Conductor Cable	<ul style="list-style-type: none"> • 600 V • Operating Temp Range -60°C to 200°C (-76°F to 392°F) • RoHS Compliant • Withstands Flash Heat Up to 413°C (775°F)
 Thermo-Trex® 200-HD Single Conductor Cable	<ul style="list-style-type: none"> • UL Recognized • cUL • CSA • 600 V • Operating Temp Range -60°C to 200°C (-76°F to 392°F) • Low Smoke Zero Halogen • VW-1 Flame Rating
 Thermo-Trex® 500 Cable	<ul style="list-style-type: none"> • UL Recognized • CSA • 600 V • Continuous Temps up to 392°F (200°C) • Extreme Temps up to 775°F (413°C) • RoHS Compliant
 Thermo-Trex® 500-Plus Silicone Cable	<ul style="list-style-type: none"> • UL Listed • cUL • 600 V • RoHS Compliant • Max Conductor Temperature 200°C • CE • Low Smoke Zero Halogen
 Thermo-Trex® High Temp Flat Festoon Cable	<ul style="list-style-type: none"> • 600 V • Cold Temp. Rating -55°C • Max Conductor Temp 200°C


IGNITER CABLES

Thermo-Trex® is the source for a high temperature resistant cable available in many configurations that offers gauge sizes for power or control applications. Flexibility is achieved by using finely stranded, conductors and a specially woven fiberglass jacket impregnated with heat and moisture resistant finishing compounds.

PRODUCT NAME	RATINGS
 Flare Stack Cable	<ul style="list-style-type: none"> • 25 kV • Max Conductor Temp 250°C
 Igniter Wire with Fiberglass Jacket	<ul style="list-style-type: none"> • 25 KVDC / 17KVAC • RoHS Compliant • Max Conductor Temp. 538°C
 Igniter Wire with Fluoropolymer Jacket	<ul style="list-style-type: none"> • 25 KVDC • RoHS Compliant • UL Listed • Max Conductor Temp. 250°C



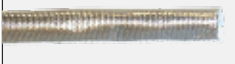


THERMOCOUPLE EXTENSION WIRE

There are several types and grades of thermocouple extension wire and at TPC we give you a wide variety to choose from. Thermocouple extension wire is used for extending the connection from the thermocouple probe to the instrumentation control system. Its length requirements make this type of thermocouple extension wire economical for many industries.

PRODUCT NAME		RATINGS	
	Type JX, KX, RSX Thermocouple Extension Wire	<ul style="list-style-type: none"> • RoHS Compliant 	<ul style="list-style-type: none"> • High Chemical Resistance from FEP & PFA Jacket




HIGH TEMPERATURE SLEEVES

TPC Wire & Cable Corp. has a cable sleeve option for every industrial environment imaginable. Our ceramic, silica, fiberglass, silicone and abrasion-resistant sleeves offer exceptional protection to give you peace of mind and the confidence that your cables and cords are strong enough to resist damage from flame, heat, chemical or other destructive forces.

PRODUCT NAME		RATINGS	
	Ceramic Ultra-Sleeve™	<ul style="list-style-type: none"> • Continuous Temps up to 2,200°F • Intermittent Temps up to 2,600°F • Fits cable sizes from 0.25" to 1.50" 	<ul style="list-style-type: none"> • RoHS Compliant • Excellent Flame Resistance
	Fiberglass Ultra-Sleeve™	<ul style="list-style-type: none"> • Continuous Temps up to 1,000°F • Fits cable sizes from 0.25" to 2.50" 	<ul style="list-style-type: none"> • Excellent Temp Resistance • RoHS Compliant
	Reflective Fiberglass Ultra-Sleeve™	<ul style="list-style-type: none"> • Continuous Temps up to 400°F • Extreme Temps up to 1,000°F • Fits cable sizes from 0.75" to 1.50" 	<ul style="list-style-type: none"> • Excellent Moisture & Chemical Resistance • RoHS Compliant
	Silicone Fiberglass Ultra-Sleeve™ (With & Without Hook & Loop Enclosure)	<ul style="list-style-type: none"> • Continuous Temps from -65°F to 500°F • Extreme Temps up to 2,000°F • Fits cable sizes from 0.25" to 2.00" 	<ul style="list-style-type: none"> • Excellent Moisture & Chemical Resistance • RoHS Compliant
	Thermo-Trex® Silica Ultra-Sleeve™	<ul style="list-style-type: none"> • Continuous Temps up to 1,800°F • Max Short Term Exposure 3,000°F • Molten Splash Resistance: Good • Weld Splatter Resistance: Excellent 	<ul style="list-style-type: none"> • Flame Resistance: Outstanding • Flexibility: Outstanding • Abrasion Resistance: Moderate • Water, Oil Resistance: Moderate

ABRASION RESISTANT SLEEVES

TPC Abrasion Resistant Ultra-Sleeves™ offer superior protection against tearing and punctures, adding life to electrical cables, water lines, hydraulic hoses and air lines in critical areas.

PRODUCT NAME		RATINGS	
	Abrasion Resistant Ultra-Sleeve™	<ul style="list-style-type: none"> • Continuous Temps up to 500°F • Cold Temp Rating -40°C • Fits Cable Sizes from 2.0" to 6" 	<ul style="list-style-type: none"> • Abrasion Resistant • RoHS Compliant
	Abrasion Resistant Ultra-Sleeve™ with Closures	<ul style="list-style-type: none"> • Abrasion Resistant, Heavy-Duty • Multiple Closure Options • Quick and Easy Installation 	<ul style="list-style-type: none"> • Multiple Lengths and Cable Diameters • RoHS Compliant
	Thermo-Trex® Chemical & Moisture Resistant Ultra-Sleeve™ with Closures	<ul style="list-style-type: none"> • Continuous Operating Temp -51°C — 121°C (-60°F — 250°F) 	<ul style="list-style-type: none"> • Excellent Moisture & Chemical Resistance



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