

Control/Instrumentation

Thermo-Trex® 2800 Cable

Thermo-Trex® 2800 is a high-temperature resistant cable for power and control applications that can withstand a maximum conductor temperature of 537°C / 1000°F.

This flexible control and instrumentation cable features finely stranded, nickel-plated copper conductors and a specially woven glass-braid jacket impregnated with abrasion-resistant finishing compounds.



Ratings



600V

Max Conductor Temperature 537°C

Cold Temperature Rating -65°C

Performance Characteristics

✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist



Flexing



High Temperature



Cold Temperature

Features & Benefits

Finely Stranded Nickel-Plated Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Nickel-plated conductors allow for high heat resistance.

Multi-Layered Mica/Glass Braid Insulation

Provides abrasion and heat resistance as well as conductor identification.

Dual Layer Mica Wrap with Heat Sealed Vapor Barrier

Mica wrap is highly resistant to heat for long-term durability. Vapor barrier provides added protection against moisture.

Specially Designed Fiberglass Braid Jacket

Braided fiberglass jacket impregnated with high-temp finishing compounds to prevent fraying. Provides first line defense against abrasion and high heat.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Configuration AWG/Cond	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
41213	16/3	31	0.332	78	55002
41214	16/4	31	0.366	107	55002
41215	12/4	55	0.448	168	55004
41204	14 AWG	51	0.190	30	55001
41205	12 AWG	68	0.208	42	55001
41206	10 AWG	94	0.261	63	55001



Notes

*Ampacity based on 40°C ambient, 450°C conductor temperature per the IEEE Standard 835 Power Cable Ampacity Tables.

**Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.