

Control/Instrumentation

Thermo-Trex® 500-Plus Silicone Cable

Thermo-Trex® 500-Plus Silicone Cable is a high-temperature cable for power and control applications that can withstand a maximum conductor temperature of 200°C / 392°F. It is an ideal choice for applications exposed to high temperatures, UV light, industrial chemicals and washdown areas.

This flexible control and instrumentation cable features a chemical-resistant silicone jacket.



Ratings 600V Max Conductor Temperature 200°C Cold Temperature Rating -40°C AWM Style 4389

CSA Class I/II Group A/B 200C FT2 Flame Rating

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

Engineered to Resist Flexing High Temperature Cold Temperature Chemicals

Features & Benefits

<p>Tinned Copper Conductors</p> <p>Tinned conductors resist corrosion and are easier to solder.</p>	<p>Silicone Rubber Insulation</p> <p>Provides resistance to heat, moisture, and chemicals.</p>	<p>Specially Compounded Chemical Resistant Silicone Jacket</p> <p>Resistant to oils and many industrial fluids. Offers high performance in both high and low temperature applications, remaining flexible down to -40°C.</p>
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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**
41462	16/2	29	0.343	66	55002
41463	16/3	29	0.350	81	55002
41464	16/4	29	0.380	98	55003
41465	16/5	23	0.436	118	55004
41467	16/7	23	0.451	137	55004
41469	16/16	14	0.685	304	55007
41443	14/3	40	0.374	102	55002
41423	12/3	55	0.411	137	55004
41424	12/4	55	0.448	169	55004
41414	10/4	74	0.527	239	55005



Notes

*Ampacity is based on ambient temperature of 40°C and conductor temperature of 200°C per the IEEE Standard 835 Power Cable Ampacity Table.
 **Crip-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.