

Power Cable

Super-Trex® Type W Black Portable Power & Automation Cable

Super-Trex® Type W Black Portable Power and Automation Cable is a highly flexible cable rated for extra-hard usage in industrial applications where impact, cutting, abrasion, oils, and chemicals are common. This Type W portable power and automation cable features an integral fill, dual-layered fiber-reinforced jacket and live-flex ribbed insulation for added strength. The black TSE jacket provides excellent protection against pulling and twisting and allows for extreme all-weather flexibility.



Ratings (excluding 2/0 AWG size) 2000V Max Conductor Temperature 90°C Cold Temperature Rating -40°C Type W

ICEA S-75-381 FT5 Flame Rating IEEE 1202 Flame Rating Suitable for Class I, II, III, Division 1 & 2***

Performance Characteristics ✓ UV Resistant ✓ All-Weather Usage ✓ Extra Hard Usage ✓ Bend Radius (Static): 6x Cable O.D.
✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist Flexing Abrasion Impact Tension Cold Temperature Chemicals

Features & Benefits

Finely Stranded Tinned Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Live-Flex & Fluid Resistant Ribbed EPR Insulation

Ribbed to help prevent kinking and breakage due to twisting and flexing. Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals. Enhances tensile strength.

No-Wick Rayon-Reinforced Synthetic Center

Adds tensile strength. Improves flexibility and won't wick up liquids. Act like a shock absorber to reduce damage from impact.

Polyester Tire Cord Braid Embedded in Jacket with Integral Fill Design

Provides added strength. Improves cable resistance to tearing, abrasion, twisting and pulling. Locks the conductors into the jacket. Helps prevent cork screwing and premature conductor failure.

Specially Compounded Black Double Pass TSE Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

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**
87404	8/2	74	0.902	409	55010
87304	8/4	65	1.027	643	55012
87406	6/2	99	0.960	505	55010
87306	6/4	87	1.100	818	55012
87407	4/2	130	1.096	702	55012
85108	4/4	114	1.270	1152	55013
87408	2/2	174	1.220	1033	55013
85110	2/4	152	1.380	1549	55014
87411	1/0-2	234	1.520	1616	55014
85224	2/0-4	237	1.880	2872	55016



Notes

*Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 400.5(A)(2).

**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.

***When installed in accordance with NEC guidelines sections, 501.140, 502.140, 503.140.