

Power Cable

Super-Trex® 4/0 Type TC Power Cable

Super-Trex® 4/0 Type TC Power Cables are designed with a double pass TSE fiber-reinforced jacket which provides excellent resistance to impact, abrasion, oils and most industrial chemicals while providing added strength against twisting and pulling. The specially compounded black TSE jacket provides excellent protection against pulling and twisting and allows for extreme all-weather flexibility.



Ratings



RoHS compliant

600V

Max Conductor Temperature 90°C

Type TC-ER

FT4 Flame Rating

Suitable for Class II, II, Division 2***

Performance Characteristics

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

Engineered to Resist



Flexing



Abrasion



Impact



Tension



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 Thermoset Insulation with Separator

Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals. Enhances tensile strength.

Rayon Reinforced Braid and 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 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	Conductor/Pole Count	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
85412	4/0 AWG	2 Conductor with a 1/0 Ground	260	1.790	2,958	55015
85413	4/0 AWG	3 Conductor with a 1/0 Ground	260	2.160	4,170	55017



Notes

*Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 3.10.15(B)(16).

**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.