

Welding Cable

Super-Trex® 600 Volt Welding Cable

Super-Trex® 600 Volt Welding Cable is designed for rugged use and is ideal for welding in industrial environments. This welding cable features our extra-flex highly stranded conductor, a TSE jacket, and 100% fabric serve to resist tearing and shrink back. This welding cable also withstands abrasion, impact, and chunking, extending the life of the cable in harsh applications.

**Ratings**

(2 AWG and Larger)



600V

Max Conductor Temperature 90°C

Type SC

FT-1 Flame Rating

Performance Characteristics

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

Engineered to Resist

Flexing



Abrasion



Impact



Chemicals

Features & Benefits**Finely Stranded Copper Conductors**

Fine stranding improves flex-life and reduces conductor fatigue and breakage.

100% Fabric Serve, Jacket Impregnated

Increases tear resistance, provides greater protection from impact.

Specially Compounded TSE Jacket (Multiple Colors Available)

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.	Jacket Color	Configuration AWG/Cond	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
86310	YELLOW	6 AWG	105	0.370	132	55002
86311	YELLOW	4 AWG	140	0.450	202	55004
86312	YELLOW	2 AWG	190	0.540	305	55005
86312R	RED	2 AWG	190	0.540	305	55005
86312BK	BLACK	2 AWG	190	0.540	305	55005
86314	YELLOW	1/0 AWG	260	0.660	416	55007
86315	YELLOW	2/0 AWG	300	0.700	558	55008
86315R	RED	2/0 AWG	300	0.700	558	55008
86315BK	BLACK	2/0 AWG	300	0.700	558	55008
86316	YELLOW	3/0 AWG	350	0.797	721	55008
86317	YELLOW	4/0 AWG	405	0.900	906	55010
86317R	RED	4/0 AWG	405	0.900	906	55010
86317BK	BLACK	4/0 AWG	405	0.900	906	55010

**Notes**

*Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 3.10.15(B)(17).

**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.