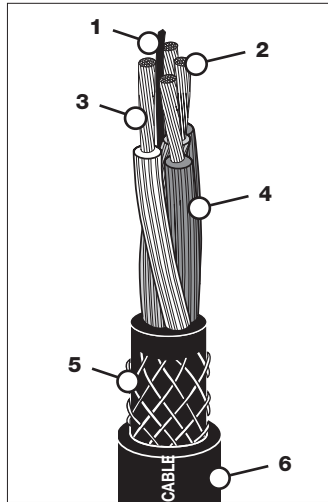


Super-Trex® Type W Portable Power & Automation Cable

- UL Listed
- Type W – 2,000 V
- FT-5 Flame Rating
- ICEA S-75-381
- Suitable for Class I, II, III, Division 1 & 2*
- UV Resistant
- cUL Listed
- IEEE 1202 Flame Rating
- All Weather Usage
- Extra Hard Usage
- Max Conductor Temp 90°C
- Cold Temp Rating -40°C
- MSHA Approved

Super-Trex® Type W Portable Power and Automation Cable is rated for Extra Hard Usage. This portable power cable has excellent resistance to abrasion, impact, tearing, and most industrial chemicals and keep its all-weather flexibility to -40°C. The cable design features an integral fill, dual layered fiber reinforced jacket and live-flex ribbed insulation for added strength. This is a black jacketed product.



FEATURES & BENEFITS

- 1. NO-WICK RAYON REINFORCED SYNTHETIC CENTER** – Adds tensile strength. Improves flexibility. Won't wick up liquids. Acts like a shock absorber to reduce damage from impact.
- 2. FLEXIBLE CONCENTRIC ROPE LAY BUNCH STRANDED COPPER** – Provides longer life in reeling, flexing and twisting applications.
- 3. TINNED CONDUCTORS** – Resists corrosion. Easier to solder.
- 4. LIVE-FLEX EPR CONDUCTOR INSULATION RATED 90°C** – Resists dry rot. High dielectric, tensile and mechanical properties.
- 5. FIBER REINFORCING BRAID EMBEDDED IN JACKET** – Provides added strength. Improves cable resistance to impact, abrasion, twisting and pulling.
- 6. SPECIALLY COMPOUNDED TSE SUPER-TREX® DOUBLE PASS JACKET** – Superior first line defense against tearing, abrasion, impact, oil, ozone and most chemicals. Flame and heat resistant. Excellent all weather flexibility.

FLEX TESTED
Tested to over
10,000,000
cycles in cable carrier
without failure!

COLOR CODE	
#	BASE COLOR
2	Black, White
4	Black, White, Red, Green

AMPACITY CHANGES BASED ON LAYERS	
NO. OF LAYERS	CORRECTION FACTORS
1	0.85
2	0.65
3	0.45
4	0.35

AMPACITY CHANGES BASED ON TEMPERATURE ¹		
AMBIENT TEMPERATURE		CORRECTION FACTOR MULTIPLY AMPACITY BY
°C	°F	
21 - 25	70 - 77	1.04
26 - 30	78 - 86	1.00
31 - 35	87 - 95	0.96
36 - 40	96 - 104	0.91
41 - 45	105 - 113	0.87
46 - 50	114 - 122	0.82
51 - 55	123 - 131	0.76
56 - 60	132 - 140	0.71
61 - 65	141 - 149	0.65
66 - 70	150 - 158	0.58

NOTE: (1) NEC, Table 310.15(B)(2)(A).

APPLICATIONS

- Arc Welders
- Automated Equipment
- Robotic Welding
- Conveyors and Cranes
- Generator Power
- Lifting Magnets
- Mining Machines
- Mobile Equipment
- Movie Studio Power
- Pumps and Heaters
- Railroad Stand-by Power
- Retractable Reels
- Saws and Drills
- Shovels and Dredges
- Temporary & Emergency Power
- Transfer Cars and Loaders

ORDERING INFORMATION (MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)

PART NO.	CABLE SIZE AWG/COND	CONDUCTOR STRANDING	AMPACITY ²	JACKET THICKNESS (IN)	NOMINAL O.D. (IN)	WT. (LBS) PER 1000'	MSHA
87404	8/2	133 (7 x 19)	74	0.141	0.902	409	•
87304	8/4	133 (7 x 19)	65	0.141	1.027	643	•
87406	6/2	259 (7 x 37)	99	0.141	0.960	505	•
87306	6/4	259 (7 x 37)	87	0.141	1.100	818	•
87407	4/2	259 (7 x 37)	130	0.141	1.096	702	•
85108	4/4	259 (7 x 37)	114	0.141	1.270	1152	•
87408	2/2	259 (7 x 37)	174	0.141	1.220	1033	•
85110	2/4	259 (7 x 37)	152	0.141	1.380	1549	•
87411	1/0-2	266 (19 x 14)	234	0.156	1.520	1616	•
85224	2/0-4	323 (19 x 17)	237	0.156	1.880	2872	•

NOTE: (2) Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 400.5(A)(2).
*When installed in accordance with NEC guidelines sections, 501.140, 502.140, 503.140.

Portable Cords
Power Cables (600 Volt to 35 KV)
Welding Cables
VFD/Servo Motor Cables
Reeling Cables
Control Cables/Instrumentation
Bus Cables
Flat Festoon Cables
Retractable Coil Cables
Chemical & Temp. Resistant Cables
High Temperature Cables
Igniter Cables
Thermocouple Extension Wires
Engineered Custom Cables