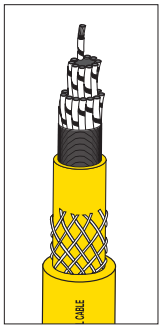
Reeling Cable Comparison Guide

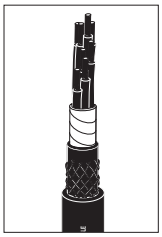
Reeling cables can be used for a variety of applications, but they all must withstand constant abuse and substantial payloads. Here at TPC we offer the cables and cords to keep your machinery operational and your productivity at full pace. Our reeling cables are designed with high quality compounds to provide excellent service and long-term reliability. Tear resistance, abrasion resistance, flame resistance, oil resistance and impact resistance are just some of the benefits you can expect from TPC's reeling cable selection. From Super-Trex® Extra Heavy-Duty All Weather Reeling Cable and Multi-Conductor P&R cable to Trex-Onics® Reduced Diameter Extra Heavy-Duty Reeling Cable, TPC provides reeling cables that stands up to your harsh environment.

Super-Trex® Multi-Conductor P&R Cable



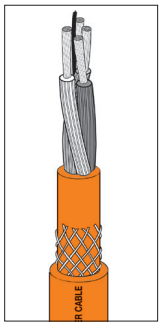
Super-Trex® Multi-Conductor P&R Cable exhibits a unique design for payout and retractile (P&R) applications featuring our Live-Flex™ insulation with a low coefficient of friction and a dual layered fiber reinforced jacket for added strength. No-Wick™ synthetic fillers provide added strength and reduced damage to impact. Safety yellow TSE jacket provides superior resistance to abrasion, tearing, impact, oil and most industrial chemicals.

Trex-Onics® Reduced Diameter Extra Heavy-Duty Reeling Cable



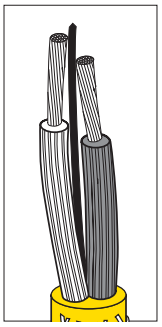
Trex-Onics® Reduced Diameter Extra Heavy-Duty Reeling Cable is a specially designed 600V reeling cable with an aramid reinforced dual pass jacket. The aramid braid is rated at 1,800 lbs tensile strength for heavy-duty applications. This cable also has TPE conductor insulation for very low coefficient of friction and superior dielectrics.

Super-Trex® Aramid Reinforced Orange Portable Power Reeling Cable



Super-Trex® Aramid Reinforced Orange Portable Power Reeling Cable is an excellent cable for high tension reeling applications. Designed with an aramid center strength member providing up to 6,000 pounds of break strength, these cables feature an integral filled, dual layered fiber reinforced jacket for added strength and resistance to twisting and pulling. The orange TSE jacket provides excellent protection against abrasion, impact and most industrial chemicals.

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



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. Features an integral fill, dual layered fiber reinforced jacket and live-flex ribbed insulation for added strength. Security yellow TSE jacket allows for extreme all weather flexibility.

Reeling Cable Comparison Guide *(Continued)*

PRODUCT	**Super-Trex® Multi-Conductor P&R Cable** (page 53)	**Super-Trex® Aramid Reinforced Orange Portable Power Reeling Cable** (page 55)	**Trex-Onics® Reduced Diameter Extra Heavy-Duty Reeling Cable** (page 52)	**Super-Trex® Portable Power & Automation Cable** (page 34)
RATINGS	• UL Listed, CSA • Type TC • RoHS Compliant • FT-1 Flame Rating • Suitable for Class I, II, Div. 2* • UV Resistant • MSHA Approved (16 AWG)	• UL Listed, CSA • Type W • MSHA Approved • FT-5 Flame Rating • Suitable for Class I, II, III, Div. 1 & 2* • Extra Hard Usage	• UL Listed, cUL • Type TC-ER • FT-1 Flame Rating • VW-1 Flame Rating • AWM • Direct Burial	• UL Listed • Type W-200V • MSHA • Class I, II, III, Div. 1 & 2*
TENSILE STRENGTH**	200 psi	6,000 psi	1,800 psi	1,200 psi
TEMPERATURE	-20°C to 90°C	-40°C to 90°C	-40°C to 90°C	-40°C to 90°C
VOLTAGE	TC – 600; WTTC –1,000	2,000	600	Type W 2,000V
JACKET	TSE Double Pass Yellow	TSE Double Pass Orange	TPE Double Pass Black	TSE Double Pass Yellow or Black
INSULATION	Live-Flex XLPE	Live-Flex EPR	TPE	Live Flex EPR
CABLE SIZE AWG/ CONDUCTOR	16/6, 16/8, 16/10, 16/12, 16/16, 16/20, 16/24, 16/33, 16/36, 16/41, 16/49, 14/7, 14/8, 14/10, 14/12, 14/16, 14/20, 14/24, 12/6, 12/8, 12/12, 12/20, 12/30, 10/6, 10/8, 10/12	4/4, 2/4	16/6, 16/8, 16/12, 16/16, 16/20, 16/24, 16/37, 14/8, 14/10, 14/12, 14/16, 14/24, 14/37, 12/6, 12/8, 12/12, 12/14, 12/20, 12/24, 12/37, 12/50, 10/12, 10/24	8/2, 6/2, 4/2, 2/2, 1/0-2, 8/3, 6/3, 4/3, 2/3, 1/0-3, 8/4, 6/4, 4/4, 2/4, 2/0-4, 6/5, 6/6
UV RESISTANT	✓	–	–	✓
ENVIRONMENTS***	**A C ~~E~~ F I T**	**A C ~~E~~ F I T**	**A C ~~E~~ F ~~I~~ T**	**A C ~~E~~ F I T**
APPLICATIONS	Remote Control of Electrical Equipment, Festoon Systems, Cranes and Hoists, Cable Carrier Systems, Cable Reels, Automatic Welders, Broach Machines, Retractable Reels, Machine Tools, Control Circuits, Positioning Equipment, Transfer Vehicles	Automation Equipment, Conveyors and Cranes, Mobile Equipment, Pendant Applications, Railroad Stand-by Power, Retractable Reels, Robotic Welding, Steel Transfer Cars and Loaders, Temporary and Emergency Power	Automatic Welders, Broach Machines, Cable Carrier Systems, Control Circuits, Cranes, Bolster Cable, Festoon Systems, Machine Tools, Positioning Equipment, Sensing Equipment, Remote Control of Electrical Equipment, Transfer Vehicles	Automated Equipment, Robotic Welding, Conveyors and Cranes, Lifting Magnets, Mining Machines, Mobile Equipment, Retractable Reels

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

***Tensile Strength: Based on material properties of reinforcing strength members.*

****Environments: **A** = Abrasion | **C** = Chemicals | **E** = Extreme Temperatures | **F** = Flexing | **I** = Impact | **T** = Tension*