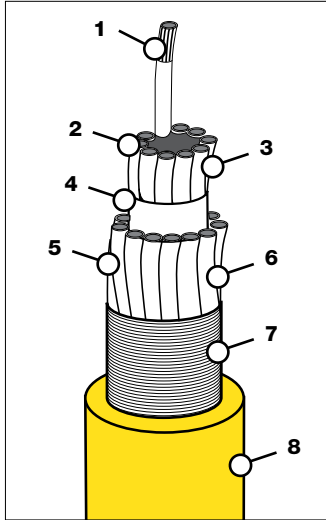


Super-Trex® Reduced Diameter Control Cable (12 AWG)

- UL Listed
- CSA
- Type TC
- 600 V
- FT-1 Flame Rating
- RoHS Compliant
- Max Conductor Temperature 90°C
- Suitable for Class I, II, Div. 2

TPC's Super-Trex® Reduced Diameter Control Cable features a high strand count and cable construction designed to provide long life in dynamic flexing applications. The security yellow TSE jacket provides excellent protection against oil, and most industrial chemicals. Available in 12 AWG and various conductor counts from 8 to 22 conductors. 20 AWG, 18 AWG and 16 AWG also available.



FEATURES & BENEFITS

- 1. BUNCH STRANDED TINNY SOFT DRAWN COPPER** – Longer flex life in flexing and twisting applications. Easier to solder.
- 2. CONDUCTORS ARE CODED WITH ALPHA-NUMERIC IDENTIFICATION** – Provides fast identification of conductors. Easy to read and simplifies installation.
- 3. XLPE CONDUCTOR INSULATION** – Oil resistant and has high dielectric, tensile and mechanical properties.
- 4. NYLON ARMORED INNER CONDUCTORS** – Lower coefficient of friction. Longer life in flexing applications.

- 5. NYLON FILLERS** – Low friction, non-wicking fillers provide excellent flexibility.
- 6. REVERSE LAY OF ALTERNATING BUNDLES** – Increases flexibility and relieves bending and twisting stress.
- 7. RUBBER BACKED FABRIC TAPE AROUND INNER COMPONENTS** – Provides easy movement of the conductor bundle for longer flex life.
- 8. SPECIALLY COMPOUNDED, SECURITY YELLOW, SUPER-TREX® TSE JACKET** – Superior first-line defense against oil, ozone and UV exposure as well as most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

ADD SOME KORD-GARDS® OR GRIP-SEALS® TO COMPLETE YOUR ORDER!
See pages 129-137.



APPLICATIONS *Not for Reeling or Forced Directional (Pulling) Applications.*

- Automatic Welders
- Broach Machines
- Control Circuits
- Cranes
- Festoon Systems
- Machine Tools
- Cable Carrier Systems
- Sensing Equipment
- Transfer Vehicles
- Positioning Equipment
- Remote Control of Electrical Equipment

Recommended Minimum Bend Radius for Cable Applications: The Minimum Bend Radius for Dynamic Applications is 8 times the O.D. of the cable. Minimum Bend Radius for Static Applications is 6 times the O.D. of the cable.

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

PART NO.	CORD SIZE AWG/COND	CONDUCTOR STRANDING	AMPACITY ¹	INSULATION THICKNESS (IN)	JACKET THICKNESS (IN)	NOMINAL O.D. (IN)	WT. (LBS) PER 1000'	MIN. BEND RADIUS (IN)
88708	12/8	65 x 30	21	0.015	0.060	0.640	306	5.12
88712	12/12	65 x 30	15	0.015	0.060	0.710	410	5.68
88722	12/22	65 x 30	13	0.015	0.085	0.945	750	7.56

NOTES: (1) Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC 2014, Table 3.10.15(B)(16).

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