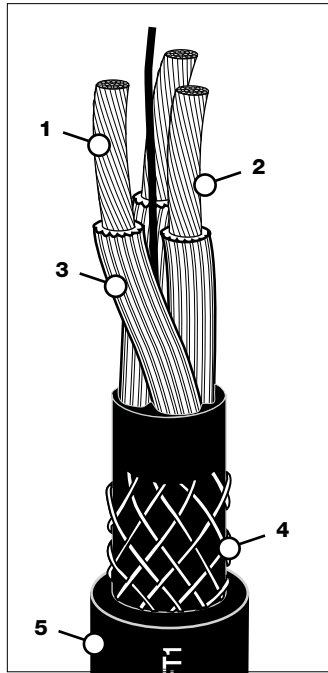


# Super-Trex® Triple-Gard Black Portable Cord

- UL Listed
- Type SOOW
- FT-1 Flame Rating
- Suitable for Class I, II, III, Division 1 & 2\*
- MSHA Approved
- UV Resistant
- CSA
- RoHS Compliant
- 600 V
- Max Conductor Temp 105°C
- Weather Resistant
- Extra Hard Usage

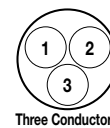
Super-Trex® Black Triple-Gard portable cord is a highly flexible, Extra Hard Usage portable cord with excellent resistance to impact, cutting, abrasion, oils and most industrial chemicals. Features an integral fill, dual layered fiber reinforced jacket for added strength against twisting and pulling. Ideal for applications where cable tension is a concern. Black TSE jacket allows for extreme all weather flexibility.



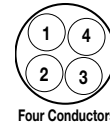
## FEATURES & BENEFITS

- 1. TINNED CONDUCTORS** – Resists corrosion, easier to solder.
- 2. 2-1/2 TIMES MORE STRANDING** – Improves flexibility. Reduces conductor fatigue and breakage.
- 3. THIRD LAYER: SPECIALLY RIBBED OIL RESISTANT LIVE-FLEX CONDUCTOR INSULATION** – Resists effects of lubricating oils, coolants, cutting oils, acids and most chemicals. Superior tensile strength.
- 4. SECOND LAYER: 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.
- 5. FIRST LAYER: SPECIALLY COMPOUNDED, BLACK, SUPER-TREX® TSE JACKET** – Superior first line defense against tearing, abrasion, impact, oil, ozone and most chemicals. Flame and heat resistant. Extreme all weather flexibility.
- 6. SUPER-TREX® TRIPLE-GARD CONSTRUCTION** – Extends life in torque, tension and flexing applications.

### Portable Cord and Color Rotation



| Rotation | Nema Color Code |
|----------|-----------------|
| 1        | Black           |
| 2        | White           |
| 3        | Green           |



| Rotation | Nema Color Code |
|----------|-----------------|
| 1        | Black           |
| 2        | White           |
| 3        | Red             |
| 4        | Green           |

### 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.

## APPLICATIONS

- Cord Reels
- Construction Sites
- Conveyors
- Extension Cords
- Floor Polishers
- Foot Switches
- Heavy-Duty Tools
- Hospital Equipment
- Industrial Heaters
- Limit Switches
- Man Cooling Fans
- Molds and Dies
- Motor Leads
- Pendant Pushbutton Stations
- Portable Machinery
- Proximity Switches
- Sanders
- Signaling Equipment
- Solenoid Valves
- T-Stands
- Welding Primary

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

| PART NO. | CORD SIZE AWG/COND | CONDUCTOR STRANDING | AMPACITY <sup>1</sup> | INSULATION THICKNESS (IN) | JACKET THICKNESS (IN) | NOMINAL O.D. (IN) | WT. (LBS) PER 1000' | MIN. BEND RADIUS (IN) |
|----------|--------------------|---------------------|-----------------------|---------------------------|-----------------------|-------------------|---------------------|-----------------------|
| 85093**  | 16/3               | 65 x 34             | 10                    | 0.030                     | 0.060                 | 0.408             | 105                 | 3.26                  |
| 85098**  | 16/4               | 65 x 34             | 10                    | 0.030                     | 0.060                 | 0.435             | 130                 | 3.48                  |
| 85094    | 14/3               | 105 x 34            | 15                    | 0.045                     | 0.080                 | 0.548             | 185                 | 4.38                  |
| 85099    | 14/4               | 105 x 34            | 15                    | 0.045                     | 0.080                 | 0.590             | 245                 | 4.72                  |
| 85095    | 12/3               | 168 x 34            | 20                    | 0.045                     | 0.095                 | 0.623             | 265                 | 4.98                  |
| 85000    | 12/4               | 168 x 34            | 20                    | 0.045                     | 0.095                 | 0.675             | 320                 | 5.40                  |
| 85096    | 10/3               | 259 x 34            | 25                    | 0.045                     | 0.095                 | 0.685             | 335                 | 5.48                  |
| 85001    | 10/4               | 259 x 34            | 25                    | 0.045                     | 0.095                 | 0.745             | 400                 | 5.96                  |

NOTES: (1) Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 400.5(A)(1).

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

\*\*16 AWG products are designed with reinforced single pass jacket.