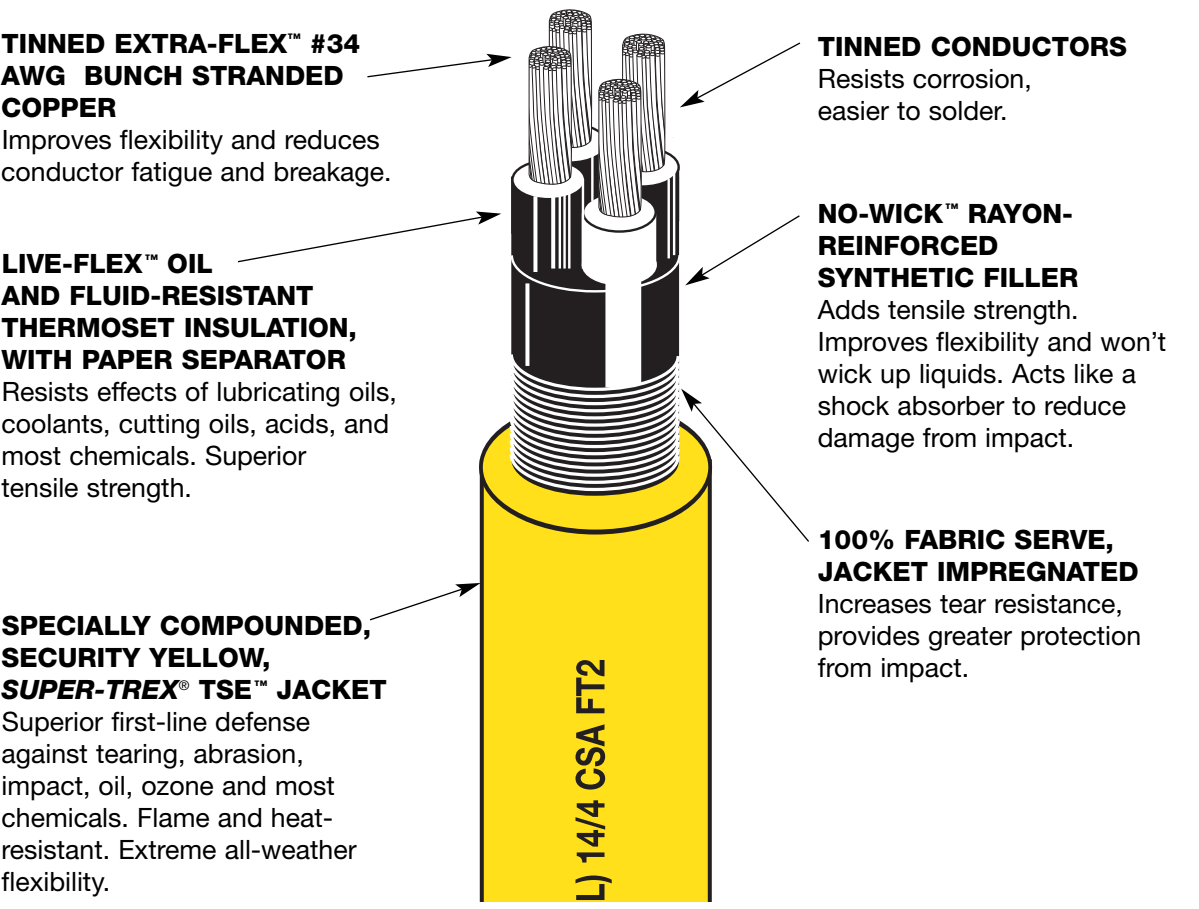


Ultra-Gard™ Portable Cord

-  • UL Listed
-  • CSA Certified
-  • MSHA Approved
-  • UV Resistant
-  • RoHS Compliant
- SOO Rated
- 90°C to -30°C
- Extra Hard Usage
- FT-2



ORDERING INFORMATION

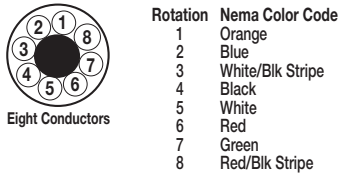
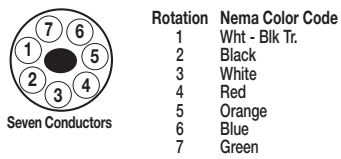
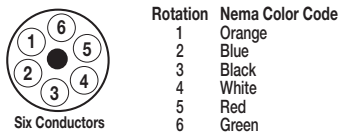
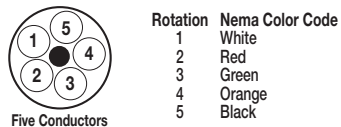
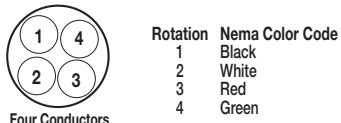
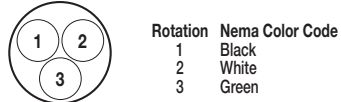
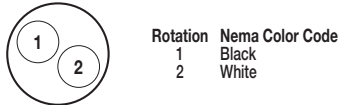
| PART NO. | CORD SIZE AWG/COND. | CONDUCTOR STRANDING | AMPACITY (1) | INSULATION THICKNESS (IN.) | JACKET THICKNESS (IN.) | MAX. O.D. (IN.) | WT. (LBS.) PER 1000' |
|----------|---------------------|---------------------|--------------|----------------------------|------------------------|-----------------|----------------------|
| 87192 | 18/3 | 41 x 34 | 10 | .030 | .060 | .380 | 80 |
| 87197 | 18/4 | 41 x 34 | 7 | .030 | .060 | .408 | 100 |
| 87191 | 16/2 | 65 x 34 | 13 | .030 | .060 | .388 | 85 |
| 87193 | 16/3 | 65 x 34 | 13 | .030 | .060 | .408 | 105 |
| 87193AU* | 16/3 | 65 x 34 | 13 | .030 | .060 | .408 | 105 |
| 87198 | 16/4 | 65 x 34 | 10 | .030 | .060 | .435 | 120 |
| 87202 | 16/5 | 65 x 34 | 8 | .030 | .080 | .520 | 175 |
| 87202AU* | 16/5 | 65 x 34 | 8 | .030 | .060 | .520 | 175 |
| 87206 | 16/6 | 65 x 34 | 8 | .030 | .080 | .560 | 210 |
| 87207 | 16/7 | 65 x 34 | 7 | .030 | .080 | .630 | 240 |
| 87208 | 16/8 | 65 x 34 | 7 | .030 | .080 | .640 | 275 |
| 87194 | 14/3 | 104 x 34 | 18 | .045 | .080 | .548 | 180 |
| 87199 | 14/4 | 104 x 34 | 15 | .045 | .080 | .590 | 210 |
| 87195 | 12/3 | 165 x 34 | 25 | .045 | .095 | .623 | 235 |
| 87200 | 12/4 | 165 x 34 | 20 | .045 | .095 | .675 | 290 |
| 87196 | 10/3 | 259 x 34 | 30 | .045 | .095 | .685 | 310 |
| 87201 | 10/4 | 259 x 34 | 25 | .045 | .095 | .738 | 385 |

NOTES: (1) Maximum allowable current per conductor when one conductor is utilized as ground or neutral. Ampacities are based on an ambient temperature of 30° C with a conductor temperature of 90° C. *Automotive Standard Conductor Color Code.

A P P L I C A T I O N S A N D S P E C I F I C A T I O N S

- ◆ Cord Reels
- ◆ Conveyors
- ◆ Construction Sites
- ◆ Dockside Power
- ◆ 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
- ◆ Solenoid Valves
- ◆ Signaling Equipment
- ◆ Sound Equipment
- ◆ T-Stands
- ◆ Welding Primary

Portable Cord Color Code and Rotation



Recommended Minimum Bend Radius for Cable Applications

The Minimum Bend Radius for Dynamic Applications is 8 times the OD of the cable. Minimum Bend Radius for Static Applications is 6 times the OD of the cable.

| PART NO. | SIZE AWG/ COND. | NOMINAL O.D. (IN.) | MINIMUM BEND RADIUS/DYNAMIC APPLICATIONS(IN.) |
|----------|-----------------|--------------------|---|
| 87192 | 18/3 | .380 | 3.04 |
| 87197 | 18/4 | .408 | 3.26 |
| 87191 | 16/2 | .388 | 3.10 |
| 87193 | 16/3 | .408 | 3.26 |
| 87198 | 16/4 | .435 | 3.48 |
| 87202 | 16/5 | .520 | 4.16 |
| 87206 | 16/6 | .560 | 4.48 |
| 87207 | 16/7 | .630 | 5.04 |
| 87208 | 16/8 | .640 | 5.12 |
| 87194 | 14/3 | .548 | 4.38 |
| 87199 | 14/4 | .590 | 4.72 |
| 87195 | 12/3 | .623 | 4.98 |
| 87200 | 12/4 | .675 | 5.40 |
| 87196 | 10/3 | .685 | 5.48 |
| 87201 | 10/4 | .738 | 5.90 |

Chemical Resistance

The chart below shows typical fluid resistance properties of the Super-Trex® Jacket and Live-Flex™ inner conductor insulation material used in the Super-Trex Type SOO Ultra-Gard Portable Cord.

| CHEMICAL | SUPER-TREX JACKET RATING | LIVE-FLEX INSULATION RATING |
|-------------------------------|--------------------------|-----------------------------|
| Acetylene | A | B |
| Aluminum Chloride Solutions | A | A |
| Aluminum Sulfate Solutions | A | A (250° F) |
| Ammonium Chloride Solutions | A | A |
| Ammonium Sulfate Solutions | A | A (200° F) |
| Amyl Alcohol | A | A (200° F) |
| Aniline | A | B |
| ASTM Oil #1 | A | A |
| ASTM Oil #3 | A | B (158° F) |
| ASTM Reference Fuel A | A | A |
| Asphalt | B | B |
| Barium Hydroxide Solutions | A | A (200° F) |
| Borax Solutions | B | A (200° F) |
| Boric Acid Solutions | A | A (200° F) |
| Butane | A | A |
| Calcium Bisulfite Solutions | A | A (200° F) |
| Calcium Chloride Solutions | A | A |
| Calcium Hydroxide Solutions | A | A (200° F) |
| Carbon Dioxide | A | A (200° F) |
| Castor Oil | A | A (158° F) |
| Citric Acid Solutions | B | A |
| Cottonseed Oil | A | A |
| Ethyl Alcohol | A | A (200° F) |
| Ethylene Glycol | A | A (200° F) |
| Ferric Chloride Solutions | A | A (200° F) |
| Floursilicic Acid | B | A (250° F) |
| Formic Acid | B | A |
| FREON-12 | A | A (200° F) |
| FREON-22 | A | A (200° F) |
| Gasoline | A | B |
| Glue | A | A (200° F) |
| Glycerin | A | A (200° F) |
| n-Hexane | A | A |
| Hydrocyanic Acid | B | A |
| Hydrogen | A | A |
| Hydrogen Peroxide, 90% | A | A |
| Isopropyl Ether | A | B |
| Kerosene | A | B |
| Linseed Oil | A | A |
| Lubricating Oils | A | B (158° F) |
| Magnesium Chloride Solutions | A | A (220° F) |
| Magnesium Hydroxide Solutions | A | A (200° F) |
| Mercuric Chloride Solutions | A | A |
| Mercury | A | A |
| Methyl Alcohol | A | A |
| Methylethyl Keytone | C | D |
| Mineral Oil | A | A |
| Oleic Acid | A | B |
| Palmitic Acid | A | B |
| Phosphoric Acid, 20% | A | A (200° F) |
| Phosphoric Acid, 60% | A | A (200° F) |
| Phosphoric Acid, 70% | A | A (200° F) |
| Phosphoric Acid, 85% | A | A (200° F) |
| Picric Acid, 70% | A | A |
| Soap Solutions | A | A (200° F) |
| Sodium Chloride Solutions | A | A |
| Soybean Oil | A | A |
| Stannic Chloride | A | B |
| Stearic Acid | A | B (158° F) |
| Sulfuric Acid, up to 5% | A | A |
| Sulfuric Acid, up to 5-10% | A | A |
| Toluene | D | D |
| Triethanol Amine | A | A (158° F) |
| Tung Oil | A | A |

Super-Trex®