

Carolprene® Jacketed Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord



TYPE SOOW – 600 VOLT – UL/CSA

| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOMINAL INS. THICKNESS | | NOMINAL O.D. | | CURRENT AMPS† | APPROX. NET WT. LBS/M ^(S) | STD. CTN. |
|----------------|--------------|----------|--------------|------------------------|------|--------------|-------|---------------|--------------------------------------|-----------|
| | | | | INCHES | mm | INCHES | mm | | | |
| 02763 | 2 | 18 | 16/30 | 0.030 | 0.76 | 0.345 | 8.76 | 10 | 65 | 250' |
| 02769 | 3 | 18 | 16/30 | 0.030 | 0.76 | 0.365 | 9.27 | 10 | 80 | 250' |
| 02770 | 4 | 18 | 16/30 | 0.030 | 0.76 | 0.390 | 9.91 | 7 | 94 | 250' |
| 02722 | 2 | 16 | 26/30 | 0.030 | 0.76 | 0.370 | 9.40 | 13 | 77 | 250' |
| 02765 | 3 | 16 | 26/30 | 0.030 | 0.76 | 0.390 | 9.91 | 13 | 94 | 250' |
| 02766 | 4 | 16 | 26/30 | 0.030 | 0.76 | 0.420 | 10.67 | 10 | 114 | 250' |
| 02723 | 2 | 14 | 41/30 | 0.045 | 1.14 | 0.510 | 12.95 | 18 | 154 | 250' |
| 02762 | 3 | 14 | 41/30 | 0.045 | 1.14 | 0.535 | 13.59 | 18 | 171 | 250' |
| 02768 | 4 | 14 | 41/30 | 0.045 | 1.14 | 0.575 | 14.61 | 15 | 209 | 250' |
| 02724 | 2 | 12 | 65/30 | 0.045 | 1.14 | 0.570 | 14.48 | 25 | 168 | 250' |
| 02725 | 3 | 12 | 65/30 | 0.045 | 1.14 | 0.595 | 15.11 | 25 | 223 | 250' |
| 02726 | 4 | 12 | 65/30 | 0.045 | 1.14 | 0.650 | 16.51 | 20 | 276 | 250' |
| 02767 | 2 | 10 | 104/30 | 0.045 | 1.14 | 0.620 | 15.75 | 30 | 230 | 250' |
| 02728 | 3 | 10 | 104/30 | 0.045 | 1.14 | 0.660 | 16.76 | 30 | 289 | 250' |
| 02727 | 4 | 10 | 104/30 | 0.045 | 1.14 | 0.715 | 18.16 | 25 | 351 | 250' |
| 16063 | 3 | 8 | 133/29 | 0.060 | 1.52 | 0.840 | 21.33 | 40 | 450 | 250' |
| 16064 | 4 | 8 | 133/29 | 0.060 | 1.52 | 0.945 | 24.00 | 35 | 580 | 250' |
| 16065 | 5 | 8 | 133/29 | 0.060 | 1.52 | 1.030 | 26.16 | 28 | 700 | 250' |
| 16073 | 3 | 6 | 133/27 | 0.060 | 1.52 | 0.980 | 24.89 | 55 | 637 | 250' |
| 16074 | 4 | 6 | 133/27 | 0.060 | 1.52 | 1.080 | 27.43 | 45 | 830 | 250' |
| 16075 | 5 | 6 | 133/27 | 0.060 | 1.52 | 1.200 | 30.48 | 36 | 1015 | 250' |
| 16083 | 3 | 4 | 133/25 | 0.060 | 1.52 | 1.140 | 28.96 | 70 | 926 | 250' |
| 16084 | 4 | 4 | 133/25 | 0.060 | 1.52 | 1.260 | 32.00 | 60 | 1145 | 250' |
| 16085 | 5 | 4 | 133/25 | 0.060 | 1.52 | 1.365 | 34.67 | 48 | 1419 | 250' |
| 16093 | 3 | 2 | 133/23 | 0.060 | 1.52 | 1.330 | 33.78 | 95 | 1367 | 250' |
| 16094 | 4 | 2 | 133/23 | 0.060 | 1.52 | 1.460 | 37.08 | 80 | 1699 | 250' |
| 16095* | 5 | 2 | 133/23 | 0.060 | 1.52 | 1.580 | 40.13 | 64 | 2066 | 250' |

Cord furnished with UL and CSA labels.

* Non-stock item; minimum quantity purchase required.

† Green conductor for grounding only. Ampacities based on NEC Table 400.5(A)(1).

‡ Actual shipping weight may vary.

Product Construction:

Conductors:

- 18 through 2 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Carolprene®, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- CAROL (SIZE) (mm²) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS MADE IN USA (TRU-MARK SEQUENTIAL FOOTAGE)

Applications:

- Portable tools and equipment
- Portable appliances
- Small motors and associated machinery

Features:

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Water-resistant*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant
- TRU-Mark® sequential footage marking

Industry Approvals:

- UL Flexible Cord - UL 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

Packaging:

- 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
- Other put-ups available on special order

* Suitable for immersion in water if properly sealed and terminated.

COLOR CODE CHART

| NO. OF CONDUCTORS | COLOR |
|-------------------|----------------------------------|
| 2 | Black, White |
| 3 | Black, White, Green |
| 4 | Black, White, Red, Green |
| 5 | Black, White, Red, Green, Orange |

