

# Carolprene® Jacketed Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord



**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) (mm<sup>2</sup>) 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 |



**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 <sup>(S)</sup> | STD. CTN.        |
|----------------|--------------|----------|--------------|------------------------|------|--------------|-------|---------------|--------------------------------------|------------------|
|                |              |          |              | INCHES                 | mm   | INCHES       | mm    |               |                                      |                  |
| 02763          | 2            | 18       | 16/30        | 0.030                  | 0.76 | 0.345        | 8.76  | 10            | 65                                   | 250 <sup>1</sup> |
| 02769          | 3            | 18       | 16/30        | 0.030                  | 0.76 | 0.365        | 9.27  | 10            | 80                                   | 250 <sup>1</sup> |
| 02770          | 4            | 18       | 16/30        | 0.030                  | 0.76 | 0.390        | 9.91  | 7             | 94                                   | 250 <sup>1</sup> |
| 02722          | 2            | 16       | 26/30        | 0.030                  | 0.76 | 0.370        | 9.40  | 13            | 77                                   | 250 <sup>1</sup> |
| 02765          | 3            | 16       | 26/30        | 0.030                  | 0.76 | 0.390        | 9.91  | 13            | 94                                   | 250 <sup>1</sup> |
| 02766          | 4            | 16       | 26/30        | 0.030                  | 0.76 | 0.420        | 10.67 | 10            | 114                                  | 250 <sup>1</sup> |
| 02723          | 2            | 14       | 41/30        | 0.045                  | 1.14 | 0.510        | 12.95 | 18            | 154                                  | 250 <sup>1</sup> |
| 02762          | 3            | 14       | 41/30        | 0.045                  | 1.14 | 0.535        | 13.59 | 18            | 171                                  | 250 <sup>1</sup> |
| 02768          | 4            | 14       | 41/30        | 0.045                  | 1.14 | 0.575        | 14.61 | 15            | 209                                  | 250 <sup>1</sup> |
| 02724          | 2            | 12       | 65/30        | 0.045                  | 1.14 | 0.570        | 14.48 | 25            | 168                                  | 250 <sup>1</sup> |
| 02725          | 3            | 12       | 65/30        | 0.045                  | 1.14 | 0.595        | 15.11 | 25            | 223                                  | 250 <sup>1</sup> |
| 02726          | 4            | 12       | 65/30        | 0.045                  | 1.14 | 0.650        | 16.51 | 20            | 276                                  | 250 <sup>1</sup> |
| 02767          | 2            | 10       | 104/30       | 0.045                  | 1.14 | 0.620        | 15.75 | 30            | 230                                  | 250 <sup>1</sup> |
| 02728          | 3            | 10       | 104/30       | 0.045                  | 1.14 | 0.660        | 16.76 | 30            | 289                                  | 250 <sup>1</sup> |
| 02727          | 4            | 10       | 104/30       | 0.045                  | 1.14 | 0.715        | 18.16 | 25            | 351                                  | 250 <sup>1</sup> |
| 16063          | 3            | 8        | 133/29       | 0.060                  | 1.52 | 0.840        | 21.33 | 40            | 450                                  | 250 <sup>1</sup> |
| 16064          | 4            | 8        | 133/29       | 0.060                  | 1.52 | 0.945        | 24.00 | 35            | 580                                  | 250 <sup>1</sup> |
| 16065          | 5            | 8        | 133/29       | 0.060                  | 1.52 | 1.030        | 26.16 | 28            | 700                                  | 250 <sup>1</sup> |
| 16073          | 3            | 6        | 133/27       | 0.060                  | 1.52 | 0.980        | 24.89 | 55            | 637                                  | 250 <sup>1</sup> |
| 16074          | 4            | 6        | 133/27       | 0.060                  | 1.52 | 1.080        | 27.43 | 45            | 830                                  | 250 <sup>1</sup> |
| 16075          | 5            | 6        | 133/27       | 0.060                  | 1.52 | 1.200        | 30.48 | 36            | 1015                                 | 250 <sup>1</sup> |
| 16083          | 3            | 4        | 133/25       | 0.060                  | 1.52 | 1.140        | 28.96 | 70            | 926                                  | 250 <sup>1</sup> |
| 16084          | 4            | 4        | 133/25       | 0.060                  | 1.52 | 1.260        | 32.00 | 60            | 1145                                 | 250 <sup>1</sup> |
| 16085          | 5            | 4        | 133/25       | 0.060                  | 1.52 | 1.365        | 34.67 | 48            | 1419                                 | 250 <sup>1</sup> |
| 16093          | 3            | 2        | 133/23       | 0.060                  | 1.52 | 1.330        | 33.78 | 95            | 1367                                 | 250 <sup>1</sup> |
| 16094          | 4            | 2        | 133/23       | 0.060                  | 1.52 | 1.460        | 37.08 | 80            | 1699                                 | 250 <sup>1</sup> |
| 16095*         | 5            | 2        | 133/23       | 0.060                  | 1.52 | 1.580        | 40.13 | 64            | 2066                                 | 250 <sup>1</sup> |

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).

<sup>(S)</sup>Actual shipping weight may vary.

