

# Carolprene® Jacketed Type SOOW, Non-UL

## 90°C, 600 Volt Portable Cord

### Product Construction:

#### Conductors:

- 8 through 2 AWG fully annealed stranded bare copper per ASTM B-174

#### 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) TYPE SOOW 90°C P-7K-123033 MSHA MADE IN USA 600 VOLT

### Applications:

- Portable tools and equipment
- Temporary and portable power
- Motors and associated machinery

### Features:

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Ozone-, sunlight (UV)- and weather-resistant

### Industry Approvals:

- MSHA Approved
- RoHS Compliant

### Packaging:

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



TYPE SOOW, NON-UL – 600 VOLT

| CATALOG NUMBER | NO. OF COND. | COND. SIZE (AWG) | COND. STRAND | NOMINAL INS. THICKNESS |      | NOMINAL O.D. |       | CURRENT AMPS <sup>†</sup> | APPROX. NET WT. LBS/M <sup>(S)</sup> | STD. CTN. |
|----------------|--------------|------------------|--------------|------------------------|------|--------------|-------|---------------------------|--------------------------------------|-----------|
|                |              |                  |              | INCHES                 | mm   | INCHES       | mm    |                           |                                      |           |
| 01811*         | 2            | 8                | 65/26        | 0.050                  | 1.27 | 0.660        | 16.76 | 40                        | 278                                  | 250'      |
| 01812          | 3            | 8                | 65/26        | 0.050                  | 1.27 | 0.695        | 17.65 | 40                        | 343                                  | 250'      |
| 01827          | 4            | 8                | 65/26        | 0.050                  | 1.27 | 0.760        | 19.30 | 35                        | 442                                  | 250'      |
| 98267          | 5            | 8                | 65/26        | 0.050                  | 1.27 | 0.840        | 21.34 | 28                        | 542                                  | 250'      |
| 01825          | 3            | 6                | 101/26       | 0.050                  | 1.27 | 0.790        | 20.07 | 55                        | 482                                  | 250'      |
| 01824          | 4            | 6                | 101/26       | 0.050                  | 1.27 | 0.865        | 21.97 | 45                        | 599                                  | 250'      |
| 98270          | 5            | 6                | 101/26       | 0.050                  | 1.27 | 0.945        | 24.00 | 36                        | 750                                  | 250'      |
| 01823*         | 2            | 4                | 119/25       | 0.050                  | 1.27 | 0.860        | 21.84 | 70                        | 515                                  | 250'      |
| 01822          | 3            | 4                | 119/25       | 0.050                  | 1.27 | 0.915        | 23.24 | 70                        | 683                                  | 250'      |
| 01821          | 4            | 4                | 119/25       | 0.050                  | 1.27 | 1.000        | 25.40 | 60                        | 851                                  | 250'      |
| 98463          | 5            | 4                | 119/25       | 0.050                  | 1.27 | 1.095        | 27.81 | 48                        | 1039                                 | 250'      |
| 01819          | 3            | 2                | 133/.0211    | 0.055                  | 1.40 | 1.085        | 27.56 | 95                        | 1003                                 | 250'      |
| 01818          | 4            | 2                | 133/.0211    | 0.055                  | 1.40 | 1.170        | 29.72 | 80                        | 1248                                 | 250'      |
| 98187          | 5            | 2                | 133/.0211    | 0.055                  | 1.40 | 1.390        | 35.31 | 64                        | 1684                                 | 250'      |

\* Non-stock item; minimum quantity purchase required.

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

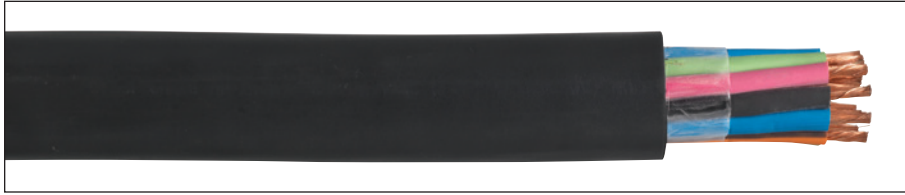
<sup>(S)</sup> Actual shipping weight may vary.

### COLOR CODE CHART

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

# Super Vu-Tron® Multi-Conductor Type S00W

90°C, 600 Volt, UL/CSA Portable Cord



TYPE S00W – 600 VOLT – UL/CSA

| CATALOG NUMBER | NO. OF COND. | COND. SIZE (AWG) | COND. STRAND | NOMINAL INS. THICKNESS |      | NOMINAL O.D. |       | CURRENT AMPS† | APPROX. NET WT. LBS/M <sup>(1)</sup> |
|----------------|--------------|------------------|--------------|------------------------|------|--------------|-------|---------------|--------------------------------------|
|                |              |                  |              | INCHES                 | mm   | INCHES       | mm    |               |                                      |
| 09805          | 5            | 18               | 16/30        | 0.030                  | 0.76 | 0.465        | 11.81 | 5.6           | 141                                  |
| 09806          | 6            | 18               | 16/30        | 0.030                  | 0.76 | 0.495        | 12.57 | 5.6           | 152                                  |
| 09807          | 7            | 18               | 16/30        | 0.030                  | 0.76 | 0.520        | 13.21 | 5.6           | 172                                  |
| 09808          | 8            | 18               | 16/30        | 0.030                  | 0.76 | 0.530        | 13.46 | 4.9           | 177                                  |
| 09810          | 10           | 18               | 16/30        | 0.030                  | 0.76 | 0.595        | 15.11 | 4.9           | 225                                  |
| 09812          | 12           | 18               | 16/30        | 0.030                  | 0.76 | 0.600        | 15.24 | 3.5           | 240                                  |
| 09814          | 14           | 18               | 16/30        | 0.030                  | 0.76 | 0.630        | 16.00 | 3.5           | 265                                  |
| 09816          | 16           | 18               | 16/30        | 0.030                  | 0.76 | 0.700        | 17.78 | 3.5           | 310                                  |
| 09818*         | 18           | 18               | 16/30        | 0.030                  | 0.76 | 0.760        | 19.30 | 3.5           | 345                                  |
| 09820          | 20           | 18               | 16/30        | 0.030                  | 0.76 | 0.795        | 20.19 | 3.5           | 382                                  |
| 09822*         | 22           | 18               | 16/30        | 0.030                  | 0.76 | 0.805        | 20.45 | 3.1           | 400                                  |
| 09824          | 24           | 18               | 16/30        | 0.030                  | 0.76 | 0.850        | 21.59 | 3.1           | 451                                  |
| 09827*         | 27           | 18               | 16/30        | 0.030                  | 0.76 | 0.865        | 21.97 | 3.1           | 475                                  |
| 09830*         | 30           | 18               | 16/30        | 0.030                  | 0.76 | 0.915        | 23.24 | 3.1           | 533                                  |
| 09605          | 5            | 16               | 26/30        | 0.030                  | 0.76 | 0.495        | 12.57 | 8.0           | 167                                  |
| 09606          | 6            | 16               | 26/30        | 0.030                  | 0.76 | 0.520        | 13.21 | 8.0           | 182                                  |
| 09607          | 7            | 16               | 26/30        | 0.030                  | 0.76 | 0.540        | 13.72 | 8.0           | 194                                  |
| 09608          | 8            | 16               | 26/30        | 0.030                  | 0.76 | 0.575        | 14.61 | 7.0           | 218                                  |
| 09609          | 9            | 16               | 26/30        | 0.030                  | 0.76 | 0.600        | 15.24 | 7.0           | 243                                  |
| 09610          | 10           | 16               | 26/30        | 0.030                  | 0.76 | 0.620        | 15.75 | 5.0           | 255                                  |
| 09612          | 12           | 16               | 26/30        | 0.030                  | 0.76 | 0.660        | 16.76 | 5.0           | 296                                  |
| 09614          | 14           | 16               | 26/30        | 0.030                  | 0.76 | 0.730        | 18.54 | 5.0           | 352                                  |
| 09616          | 16           | 16               | 26/30        | 0.030                  | 0.76 | 0.740        | 18.80 | 5.0           | 383                                  |
| 09618*         | 18           | 16               | 26/30        | 0.030                  | 0.76 | 0.770        | 19.56 | 5.0           | 417                                  |
| 09620          | 20           | 16               | 26/30        | 0.030                  | 0.76 | 0.810        | 20.57 | 5.0           | 457                                  |
| 09622*         | 22           | 16               | 26/30        | 0.030                  | 0.76 | 0.900        | 22.86 | 4.5           | 510                                  |
| 09624          | 24           | 16               | 26/30        | 0.030                  | 0.76 | 0.925        | 23.50 | 4.5           | 563                                  |
| 09626*         | 26           | 16               | 26/30        | 0.030                  | 0.76 | 0.965        | 24.51 | 4.5           | 611                                  |
| 09630          | 30           | 16               | 26/30        | 0.030                  | 0.76 | 1.010        | 25.65 | 4.5           | 767                                  |

† Values shown are for current-carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors, is NOT counted in determining current carrying capacity. Ampacities based on NEC Table 400.5(A)(1).

\* Non-stock item; minimum quantity purchase required.

© Actual shipping weight may vary.

## COLOR CODE CHART

| NO. OF COND. | COLOR  | TRACER | NO. OF COND. | COLOR  | TRACER | NO. OF COND. | COLOR  | TRACER |
|--------------|--------|--------|--------------|--------|--------|--------------|--------|--------|
| 1            | Black  | —      | 8            | Red    | Black  | 15           | Blue   | White  |
| 2            | White  | —      | 9            | Green  | Black  | 16           | Black  | Red    |
| 3            | Red    | —      | 10           | Orange | Black  | 17           | White  | Red    |
| 4            | Green  | —      | 11           | Blue   | Black  | 18           | Orange | Red    |
| 5            | Orange | —      | 12           | Black  | White  | 19           | Blue   | Red    |
| 6            | Blue   | —      | 13           | Red    | White  | 20           | Red    | Green  |
| 7            | White  | Black  | 14           | Green  | White  | 21           | Orange | Green  |

Note: Colors repeat after 21 conductors.

## Product Construction:

### Conductors:

- 18 and 16 AWG fully annealed stranded bare copper per ASTM B-174

### Insulation:

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

### Jacket:

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

### Jacket Marking:

- CAROL SUPER VU-TRON® (SIZE) (mm<sup>2</sup>) 90°C (UL) WATER RESISTANT S00W CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT RoHS MADE IN USA

## Applications:

- Control circuits
- Tools
- Heavy industrial, processing and construction equipment

## Features:

- Extra-flexible stranding
- Abrasion-resistant
- Resists oils and solvents
- Flame-resistant
- 90°C rated conductors and jacket
- Water-resistant
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant

## Industry Approvals:

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

## Packaging:

- 5- through 8-conductor available on 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m) reels
- 9+ cond. available on long-length reels
- Other put-ups available on special order



**CAROL BRAND**

**UL LISTED**

**CSA** Certified  
Canadian Standard Association

**MSHA**  
Mine Safety and  
Health Administration

**RoHS Compliant**  
Directive 2002/95/EC

**General Cable**