# SRG ML 150°C-200°C 600V

Flexible Silicone Rubber Glass Braid, Temp Rating 150°C for #18AWG - #6AWG, and Temp Rating 200°C for #4AWG - 4/0AWG

Image not to scale. See Table 1 for dimensions.

## CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Silicone Rubber
3. **Jacket:** Fiberglass braid jacket is applied over the insulation, then treated with a high temperature lacquer finish

## APPLICATIONS AND FEATURES:

Used as motor lead wire or wiring of electrical equipment and lighting fixtures, where flexibility is required. Excellent electrical properties, good chemical resistance, contains no chlorine or other halogens, and fungus resistant. Colors available upon request.

## SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- UL AWM Appliance wire approvals as listed in Table 1
- CSA Approved as shown in Table 1
- CSA AWM I A/B 600 FT1 FT2
- RoHS-3 Complies with European Directive 2015/863



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## Table 1 – Weights and Measurements

| Stock Number | Cond. Size | Cond. Strands | Insul. Thickness | Braid | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|---|---|---|---|---|---|---|---|---|
| | AWG/Kcmil | strand | mil | mil | inch | lb/1000ft | °C | Style/Type |
| C0186B | 18 | 16/.0100 | 30 | 5 | 0.120 | 12 | 150 | 3070/SEWF-2 |
| C0166B | 16 | 26/.0100 | 30 | 5 | 0.130 | 16 | 150 | 3070/SEWF-2 |
| C0146B | 14 | 41/.0100 | 30 | 5 | 0.150 | 22 | 150 | 3070/SEWF-2 |
| C0126B | 12 | 65/.0100 | 30 | 5 | 0.170 | 32 | 150 | 3070/SEWF-2 |
| C0106B | 10 | 105/.0100 | 45 | 5 | 0.230 | 54 | 150 | 3101/SEWF-2 |
| C0086B | 8 | 133/.0111 | 60 | 5 | 0.305 | 93 | 150 | 3278/SEWF-2 |
| C00602 | 6 | 133/.0142 | 60 | 5 | 0.320 | 110 | 150 | 3278/SEWF-2 |
| C00412 | 4 | 133/.0177 | 60 | 5 | 0.380 | 160 | 200 | 3231/SEW-2 |
| C00208 | 2 | 133/.0223 | 60 | 5 | 0.420 | 240 | 200 | 3231/SEW-2 |
| C00106 | 1 | 259/.0177 | 80 | 5 | 0.560 | 355 | 200 | 3231/SEW-2 |
| C01T07 | 1/0 | 259/.0202 | 80 | 7 | 0.575 | 390 | 200 | 3231/SEW-2 |
| C02T07 | 2/0 | 259/.0229 | 80 | 7 | 0.605 | 490 | 200 | 3231/SEW-2 |
| C03T03 | 3/0 | 259/.0255 | 80 | 7 | 0.665 | 600 | 200 | 3231/SEW-2 |
| C04T04 | 4/0 | 259/.0286 | 80 | 7 | 0.765 | 800 | 200 | 3231/SEW-2 |

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
Dimensions and weights for other cable configurations are available upon request.

## Table 2 – Weights and Measurements (Metric)

| Stock Number | Cond. Size | Cond. Strands | Insul. Thickness | Braid | Approx. OD | Approx. Weight | Temp. Rating | Standard (UL or other) |
|---|---|---|---|---|---|---|---|---|
| | AWG/Kcmil | strand | mm | mm | mm | kg/km | °C | Style/Type |
| C0186B | 18 | 16/.0100 | 0.76 | 0.13 | 3.05 | 18 | 150 | 3070/SEWF-2 |
| C0166B | 16 | 26/.0100 | 0.76 | 0.13 | 3.30 | 24 | 150 | 3070/SEWF-2 |
| C0146B | 14 | 41/.0100 | 0.76 | 0.13 | 3.81 | 33 | 150 | 3070/SEWF-2 |
| C0126B | 12 | 65/.0100 | 0.76 | 0.13 | 4.32 | 48 | 150 | 3070/SEWF-2 |
| C0106B | 10 | 105/.0100 | 1.14 | 0.13 | 5.84 | 80 | 150 | 3101/SEWF-2 |
| C0086B | 8 | 133/.0111 | 1.52 | 0.13 | 7.75 | 138 | 150 | 3278/SEWF-2 |
| C00602 | 6 | 133/.0142 | 1.52 | 0.13 | 8.13 | 164 | 150 | 3278/SEWF-2 |
| C00412 | 4 | 133/.0177 | 1.52 | 0.13 | 9.65 | 238 | 200 | 3231/SEW-2 |
| C00208 | 2 | 133/.0223 | 1.52 | 0.13 | 10.67 | 357 | 200 | 3231/SEW-2 |
| C00106 | 1 | 259/.0177 | 2.03 | 0.13 | 14.22 | 528 | 200 | 3231/SEW-2 |
| C01T07 | 1/0 | 259/.0202 | 2.03 | 0.18 | 14.60 | 580 | 200 | 3231/SEW-2 |
| C02T07 | 2/0 | 259/.0229 | 2.03 | 0.18 | 15.37 | 729 | 200 | 3231/SEW-2 |
| C03T03 | 3/0 | 259/.0255 | 2.03 | 0.18 | 16.89 | 893 | 200 | 3231/SEW-2 |
| C04T04 | 4/0 | 259/.0286 | 2.03 | 0.18 | 19.43 | 1191 | 200 | 3231/SEW-2 |