SFF-2 SEWF-2 150°C 600V

Silicone Rubber Glass Braid Fixture Wire - Flexible Stranded Conductors, Temp Rating 150°C

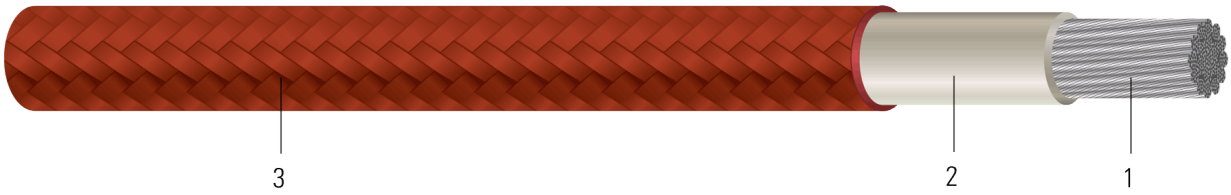

Image not to scale. See Table 1 for dimensions.

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 the wiring of electrical equipment and lighting fixtures, as well as hazardous location motors. Excellent electrical properties, flexible, 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
- 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	0.121	11	150	3070/SFF-2/SEWF-2
C0166B	16	26/.0100	30	5	0.132	16	150	3070/SFF-2/SEWF-2
C0146B	14	41/.0100	30	5	0.150	22	150	3070/SFF-2/SEWF-2
C0126B	12	65/.0100	30	5	0.170	31	150	3070
C0106B	10	105/.0100	45	5	0.227	52	150	3101

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	3.07	16	150	3070/SFF-2/SEWF-2
C0166B	16	26/.0100	0.76	0.13	3.35	24	150	3070/SFF-2/SEWF-2
C0146B	14	41/.0100	0.76	0.13	3.81	33	150	3070/SFF-2/SEWF-2
C0126B	12	65/.0100	0.76	0.13	4.32	46	150	3070
C0106B	10	105/.0100	1.14	0.13	5.77	77	150	3101