SF-2 SEW-2 200°C 600V

Flexible Silicone Rubber Glass Braid Fixture Wire, Temp Rating 200°C. FT1



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 for internal wiring of appliances, 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. Rated FT1

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
- FT1 Flame Test (1,706 BTU/Hr nominal - Vertical Wire Flame Test)
- 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
C0186A	18	7/.0152	30	5	0.120	12.5	200	3071/SF-2/SEW-2
C0166A	16	7/.0192	30	5	0.130	16	200	3071/SF-2/SEW-2
C0146A	14	7/.0242	30	5	0.145	22	200	3071/SF-2/SEW-2
C0126A	12	19/.0179	30	5	0.165	32	200	3074
C0106A	10	19/.0234	45	5	0.220	54	200	3075
C0086A	8	54/.0179	60	7	0.295	90	200	3231
C0066A	6	84/.0179	60	7	0.325	125	200	3231

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
C0186A	18	7/.0152	0.76	0.13	3.05	19	200	3071/SF-2/SEW-2
C0166A	16	7/.0192	0.76	0.13	3.30	24	200	3071/SF-2/SEW-2
C0146A	14	7/.0242	0.76	0.13	3.68	33	200	3071/SF-2/SEW-2
C0126A	12	19/.0179	0.76	0.13	4.19	48	200	3074
C0106A	10	19/.0234	1.14	0.13	5.59	80	200	3075
C0086A	8	54/.0179	1.52	0.18	7.49	134	200	3231
C0066A	6	84/.0179	1.52	0.18	8.25	186	200	3231