SRG-G CONTROL CABLES

Flexible Silicone Rubber Glass Braid Conductors with an Overall Fiberglass Jacket, Temp Rating 200°C, 600V



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded tinned, annealed copper per ASTM B33
2. **Insulation:** Silicone Rubber with a fiberglass braid over the insulation
3. **Cabling:** Conductors are cabled with a left hand lay and bound with a polyester tape
4. **Jacket:** Fiberglass braid, treated with a high temperature saturant, covers the core

APPLICATIONS AND FEATURES:

Used for equipment wiring, as well as signal and control circuits. Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts.

Excellent chemical resistance, excellent resistance to fluids, and low coefficient of friction makes installation easier. Good mechanical strength. Flexible. Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity. For constructions with core sizes larger than .750, please use our SRGK product group.

SPECIFICATIONS:

- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- IEEE 383 Flame Test (70,000 btu)
- RoHS-3 Complies with European Directive 2015/863

Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mil	inch	lb/1000ft	°C	Style/Type
C50420	10	7	45	0.715	374	200	Non-UL

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Braid	Approx. OD	Approx. Weight	Temp. Rating	Standard (UL or other)
	AWG/Kcmil	No.	mm	mm	kg/km	°C	Style/Type
C50420	10	7	1.14	18.16	557	200	Non-UL