



- **Rated to 392°F Class H (200°C)**
- **Flame Retardant**
- **Grade A (7,000 V) Mil-I-3190/6**
- **Grade C (2,500 V)**
- **Cut and Abrasion Resistant**
- **Excellent Low Temp. Flexibility**
- **Resists Acids, Alkalis, Organic Solvents, & Aliphatic Hydrocarbons**

## Silicone Coated Fiberglass Sleeving Grade A & C

SILICONE FLEX GLASS (SG) sleeving is engineered with a silicone rubber coating over an insulating fiberglass sleeve. SG is very abrasion resistant and is ideal in heavy duty applications that require outstanding mechanical and electrical properties.

The mechanical properties and high dielectric strength of SG make it the first choice in applications such as transformer lead protection, motor coil leads, component isolation, and power supply wiring.

SG has a high tear strength, slight expandability for easy installation, excellent flex life and resistance to fatigue. It is Class H rated (392°F) with an operating temperature range of -103°F to 428°F. SG shows no discernible effects under exposure of up to 10 megarads of radiation.



Silicone Flex Glass is ideal for use on high voltage power supplies in precision test equipment.



**Put-Ups**

Nominal Size	Diameter	Part#	Grade	Available Colors	Part#	Grade	Available Colors	Bulk Spool	Shop Spool
24	0.022"	SGAG.24	A	WH, BK, NT	SGCG.24	C	WH & NT	500'	250'
22	0.027"	SGAG.22	A	WH, BK, NT	SGCG.22	C	WH & NT	500'	250'
20	0.034"	SGAG.20	A	WH, BK, NT	SGCG.20	C	WH & NT	500'	250'
18	0.042"	SGAG.18	A	WH, BK, NT	SGCG.18	C	WH & NT	500'	250'
16	0.053"	SGAG.16	A	WH, BK, NT	SGCG.16	C	WH & NT	500'	250'
14	0.066"	SGAG.14	A	WH, BK, NT	SGCG.14	C	WH & NT	500'	250'
12	0.085"	SGAG.12	A	WH, BK, NT	SGCG.12	C	WH & NT	250'	100'
10	0.106"	SGAG.10	A	WH, BK, NT	SGCG.10	C	WH & NT	250'	100'
9	0.118"	SGAG.09	A	WH, BK, NT	SGCG.09	C	WH & NT	250'	100'
8	0.133"	SGAG.08	A	WH, BK, NT	SGCG.08	C	WH & NT	250'	100'
7	0.148"	SGAG.07	A	WH, BK, NT	SGCG.07	C	WH & NT	250'	100'
6	0.166"	SGAG.06	A	WH, BK, NT	SGCG.06	C	WH & NT	125'	25'
5	0.186"	SGAG.05	A	WH, BK, NT	SGCG.05	C	WH & NT	125'	25'
4	0.208"	SGAG.04	A	WH, BK, NT	SGCG.04	C	WH & NT	125'	25'
3	0.234"	SGAG.03	A	WH, BK, NT	SGCG.03	C	WH & NT	125'	25'
2	0.263"	SGAG.02	A	WH, BK, NT	SGCG.02	C	WH & NT	50'	25'
1	0.294"	SGAG.01	A	WH, BK, NT	SGCG.01	C	WH & NT	50'	25'
0	0.330"	SGAG.00	A	WH, BK, NT	SGCG.00	C	WH & NT	50'	25'
3/8"	0.375"	SGA0.38	A	WH, BK, NT	SGC0.38	C	WH & NT	50'	25'
7/16"	0.438"	SGA0.44	A	WH, BK, NT	SGC0.44	C	WH & NT	50'	25'
1/2"	0.500"	SGA0.50	A	WH, BK, NT	SGC0.50	C	WH & NT	50'	25'
5/8"	0.625"	SGA0.63	A	WH, BK, NT	SGC0.63	C	WH & NT	50'	25'
3/4"	0.750"	SGA0.75	A	WH, BK, NT	SGC0.75	C	WH & NT	50'	25'
7/8"	0.875"	SGA0.88	A	WH, BK, NT	SGC0.88	C	WH & NT	50'	25'
1"	1.000"	SGA1.00	A	WH, BK, NT	SGC1.00	C	WH & NT	50'	25'