



Silicone Flex Glass

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.

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



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

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

