ELECTRICAL INSULATION Technical Data Sheet



FR SILICONE FLEX GLASS

- Rated to 200°C Class H
- UL Recognized File# E329694
- Grade A (7,000 V)
- Grade C (2,500 V)
- Cut and Abrasion Resistant
- **NEMA TF-1 TYPE 6**
- MIL-I-003190/6
- ASTM D372







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FR Silicone Coated Fiberglass Grade A & C

FLAME RETARDANT SILICONE FLEX GLASS (SF) sleeving is an extremely flexible braided fiberglass sleeve coated with a flame retardant elastometric silicone rubber sheath.

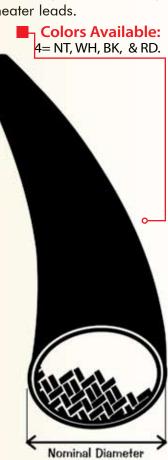
The unique self-fitting construction allows SF sleeving to expand slightly for easy installation, and provides a snug fit for minimum movement and reduced internal abrasion.

SF sleeving is rated to 392°F. (Class H), is abrasion resistant, and maintains it's flexibility in low temperature environments. It is available in a very wide range of sizes, and is ideal for use in appliance assemblies, wire harnesses, transformer leads, power supplies, motor coil and heater leads.

FR Silicone Flex Glass is available in 4 colors. Blue (BL) and Yellow (YL) are custom colors. Call an Account Representative for relevant details regarding custom orders.



Black (BK), White (WH), and Red (RD), Natural (NT).





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									Put-Ups	
Nominal Size	Diameter	Part#	Grade	Available Colors	Part#	Grade	Available Colors	Bulk Spool	Shop Spool	
24	0.022″	SFAG.24	Α	WH,BK,RD	SFCG.24	С	NT,WH,BK,RD	500′	250′	
22	0.027″	SFAG.22	Α	WH,BK,RD	SFCG.22	С	NT,WH,BK,RD	500′	250′	
20	0.034″	SFAG.20	Α	WH,BK,RD	SFCG.20	С	NT,WH,BK,RD	500′	250′	
18	0.042″	SFAG.18	Α	WH,BK,RD	SFCG.18	С	NT,WH,BK,RD	500′	250′	
16	0.053″	SFAG.16	Α	WH,BK,RD	SFCG.16	С	NT,WH,BK,RD	500′	250′	
14	0.066″	SFAG.14	Α	WH,BK,RD	SFCG.14	С	NT,WH,BK,RD	500′	250′	
12	0.085″	SFAG.12	Α	WH,BK,RD	SFCG.12	С	NT,WH,BK,RD	250′	100′	
10	0.106″	SFAG.10	Α	WH,BK,RD	SFCG.10	С	NT,WH,BK,RD	250′	100′	
9	0.118″	SFAG.09	Α	WH,BK,RD	SFCG.09	С	NT,WH,BK,RD	250′	100′	
8	0.133″	SFAG.08	Α	WH,BK,RD	SFCG.08	С	NT,WH,BK,RD	250′	100′	
7	0.148″	SFAG.07	Α	WH,BK,RD	SFCG.07	С	NT,WH,BK,RD	250′	100′	
6	0.166″	SFAG.06	Α	WH,BK,RD	SFCG.06	С	NT,WH,BK,RD	250′	100′	
5	0.186″	SFAG.05	Α	WH,BK,RD	SFCG.05	С	NT,WH,BK,RD	250′	100′	
4	0.208″	SFAG.04	Α	WH,BK,RD	SFCG.04	С	NT,WH,BK,RD	250′	100′	
3	0.234″	SFAG.03	Α	WH,BK,RD	SFCG.03	С	NT,WH,BK,RD	250′	100′	
2	0.263″	SFAG.02	Α	WH,BK,RD	SFCG.02	С	NT,WH,BK,RD	250′	100′	
1	0.294″	SFAG.01	Α	WH,BK,RD	SFCG.01	С	NT,WH,BK,RD	100′	50′	
0	0.330″	SFAG.00	Α	WH,BK,RD	SFCG.00	С	NT,WH,BK,RD	100′	50′	
3/8″	0.375″	SFA0.38	Α	WH,BK,RD	SFC0.38	С	NT,WH,BK,RD	100′	50′	
7/16″	0.438″	SFA0.44	Α	WH,BK,RD	SFC0.44	С	NT,WH,BK,RD	100′	50′	
1/2″	0.500″	SFA0.50	Α	WH,BK,RD	SFC0.50	С	NT,WH,BK,RD	100′	50′	
5/8″	0.625″	SFA0.63	Α	WH,BK,RD	SFC0.63	С	NT,WH,BK,RD	100′	50′	
3/4″	0.750″	SFA0.75	Α	WH,BK,RD	SFC0.75	С	NT,WH,BK,RD	100′	50′	
7/8″	0.875″	SFA0.88	Α	WH,BK,RD	SFC0.88	С	NT,WH,BK,RD	100′	50′	
1″	1.000″	SFA1.00	Α	WH,BK,RD	SFC1.00	С	NT,WH,BK,RD	100′	50′	
1 1/4″	1.250″	SFA1.25	Α	WH,BK,RD	N/A	N/A	N/A	100′	N/A	
1 1/2″	1.500″	SFA1.50	Α	WH,BK,RD	N/A	N/A	N/A	100′	N/A	

CHEMICAL RESISTANCE

Resistant to oils, acids, alkalies, organic solvents and alphatic hydrocarbons.

OPERATING TEMPERATURE RANGE

-75°C/-103°F to 220°C/428°F

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