



HEAVY WALL SILICONE COATED FIBERGLASS UL RECOGNIZED · RATED TO 392°F, CLASS H UP TO 15,000 VOLTS OF PROTECTION · EXCELLENT LOW TEMP FLEXIBILITY

HEAVY WALL FLEX GLASS (SG) is engineered from a high quality braided fiberglass sleeve surrounded by a heavy silicone rubber coating. SG expands slightly for easy installation, and is tough and flexible enough for use in tight radius applications. The silicone coating will expand and flex without cracks or fractures, and the treated fiberglass minimizes end fray and dusting during assembly and use. Heavy Wall Flex Glass resists dielectric breakdown caused by operational stresses. SG is highly abrasion resistant and remains flexible in low temperature applications. It is also resistant to common chemicals, inorganic acids, alkalis and aliphatic hydrocarbons. Rated to 392°F. (Class H), Heavy Wall Silicone Flex Glass is in extensive use in dry-type transformer applications.

SIZING CHART

Nominal Size	Diameter	Part #	Grade	Wall Thickness	*Put-Ups L	Available Colors	Lbs/100'
14	.066"	SGHG.14RD	15,000V		500'	1	
12	.085"	SGHG.12RD	15,000V		250'	1	
10	.106"	SGHG.10RD	15,000V		250'	1	
9	.118"	SGHG.09RD	15,000V		250'	1	
8	.133"	SGHG.08RD	15,000V		250'	1	
7	.148"	SGHG.07RD	15,000V		250'	1	
6	.166"	SGHG.06RD	15,000V		250'	1	
5	.186"	SGHG.05RD	15,000V		250'	1	
4	.208"	SGHG.04RD	15,000V		250'	1	
3	.234"	SGHG.03RD	15,000V		250'	1	
2	.263"	SGHG.02RD	15,000V		250'	1	
1	.294"	SGHG.01RD	15,000V		250'	1	
0	.330"	SGHG.00RD	15,000V		100'	1	
3/8"	.375"	SGH0.38RD	15,000V		100'	1	
7/16"	.438"	SGH0.44RD	15,000V		100'	1	
1/2"	.500"	SGH0.50RD	15,000V		100'	1	
5/8"	.625"	SGH0.63RD	15,000V		100'	1	
3/4"	.750"	SGH0.75RD	15,000V		100'	1	
7/8"	.875"	SGH0.88RD	15,000V		50'	1	
1"	1.00"	SGH1.00RD	15,000V		50'	1	

*Put-Ups: "L" = Bulk Spool



ELECTRICAL INSULATION

Technical Data Sheet



FEATURES

Material	Silicone Coated Fiberglass
Grade	SG (15,000V)
Wall Thickness	
Drawing Number	TF001SGH-WD
Cutting	Scissors

COLORS



Red (RD)

FLAMMABILITY

Rating	UL
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CERTIFICATIONS



OPERATING TEMPERATURES

Maximum Continuous	392°F / 200°C
Brittle Point	-121°F / -85°C

CHEMICAL RESISTANCE

Resists inorganic acids, alkalis, and aliphatic hydrocarbons.

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01-01-23