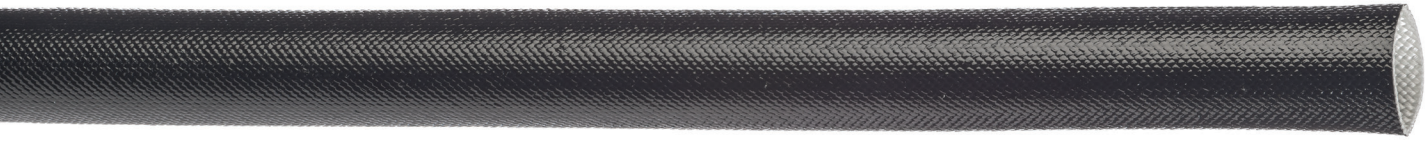
ACRYLIC RESIN COATED FIBERGLASS - GRADE A
UL RECOGNIZED FILE # E329693
RATED TO 311°F, CLASS F · RESISTS ACIDS & MOST ORGANIC SOLVENTS

ACRYLIC FLEX GLASS (AG) sleeving is a heat-treated, tightly braided fiberglass sleeving coated with a dielectric acrylic resin. This durable sleeving will withstand mechanical stress and holds it's dielectric strength on all bends. Acrylic Flex Glass is used in applications such as relays, radio circuits, transformers, and lead/crossover protection on motors. Highly resistant to acids and solvents, and will withstand tough assembly handling. Sleeving is recommended for thermal requirements from 105°C (221°F) to 155°C (311°F) ranges.

SIZING CHART

Nominal Size	Diameter	Part #	Grade	Wall Thickness	*Put-Ups		Available Colors	Lbs/ 100'
					M	L		
24	.022"	AGAG.24	A	.018"	250'	500'	4	
22	.027"	AGAG.22	A	.018"	250'	500'	4	
20	.034"	AGAG.20	A	.018"	250'	500'	4	
18	.042"	AGAG.18	A	.018"	250'	500'	4	
16	.053"	AGAG.16	A	.020"	250'	500'	4	
14	.066"	AGAG.14	A	.020"	250'	500'	4	
12	.085"	AGAG.12	A	.022"	100'	250'	4	
11	.095"	AGAG.11	A	.022"	100'	250'	4	
10	.106"	AGAG.10	A	.022"	100'	250'	4	
9	.118"	AGAG.09	A	.024"	100'	250'	4	
8	.133"	AGAG.08	A	.024"	100'	250'	4	
7	.148"	AGAG.07	A	.024"	100'	250'	4	
6	.166"	AGAG.06	A	.024"	100'	250'	4	
5	.186"	AGAG.05	A	.028"	100'	250'	4	
4	.208"	AGAG.04	A	.028"	100'	250'	4	
3	.234"	AGAG.03	A	.028"	100'	250'	4	
2	.263"	AGAG.02	A	.028"	100'	250'	4	
1	.294"	AGAG.01	A	.028"	50'	100'	4	
0	.330"	AGAG.00	A	.028"	50'	100'	4	
3/8"	.375"	AGA0.38	A	.034"	50'	100'	4	
7/16"	.438"	AGA0.44	A	.034"	50'	100'	4	
1/2"	.500"	AGA0.50	A	.034"	50'	100'	4	
5/8"	.625"	AGA0.63	A	.034"	50'	100'	4	
3/4"	.750"	AGA0.75	A	.040"	50'	100'	4	
7/8"	.875"	AGA0.88	A	.040"	50'	100'	4	
1"	1.00"	AGA1.00	A	.040"	50'	100'	4	

*Put-Ups: ***"M"*** = Shop Spool and ***"L"*** = Bulk Spool



TECHFLEX®
Braided Sleeving Products

ELECTRICAL INSULATION

Technical Data Sheet

FEATURES

Material	**Acrylic Coated Fiberglass**
Grade	**A (7,000V)**
Wall Thickness	**.014" - .040"**
Drawing Number	**TF001AGA-WD**
Cutting	**Scissors**

COLORS

Black (BK), Red (RD), Yellow (YL), Natural (NT)

FLAMMABILITY

Rating	UL

CERTIFICATIONS

OPERATING TEMPERATURES

Thermal Requirements	From 221°F (105°C) To 311°F (155°C)
Low Temp Flexibility, Bends Without Cracking	-13°F / -25°C

RATE OF BURNING

Conforms with requirements of NEMA TF-1, MIL-I-003190/3, and ASTM D372.

CHEMICAL RESISTANCE

Resistant to oils, acids, alkalies and most organic solvents. After more than 168 hours in the most commonly used aromatics, xylene and toluene, the dried sleeving substantially regains its original properties.

www.TECHFLEX.com
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