



ACRYLIC RESIN COATED FIBERGLASS - GRADE C
UL RECOGNIZED FILE # E329693
RATED TO 155°C, 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 its 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	Kgs/100m
					M	L		
24	0,6mm	AGCG.24	C	0,36mm	76,2m	152,4m	4	0,15
22	0,7mm	AGCG.22	C	0,36mm	76,2m	152,4m	4	0,15
20	0,9mm	AGCG.20	C	0,36mm	76,2m	152,4m	4	0,30
18	1,1mm	AGCG.18	C	0,36mm	76,2m	152,4m	4	0,30
16	1,3mm	AGCG.16	C	0,41mm	76,2m	152,4m	4	0,30
14	1,7mm	AGCG.14	C	0,41mm	76,2m	152,4m	4	0,60
12	2,2mm	AGCG.12	C	0,43mm	30,5m	76,2m	4	0,60
11	2,4mm	AGCG.11	C	0,43mm	30,5m	76,2m	4	0,74
10	2,7mm	AGCG.10	C	0,43mm	30,5m	76,2m	4	0,74
9	3,0mm	AGCG.09	C	0,48mm	30,5m	76,2m	4	0,89
8	3,4mm	AGCG.08	C	0,48mm	30,5m	76,2m	4	0,74
7	3,8mm	AGCG.07	C	0,48mm	30,5m	76,2m	4	0,89
6	4,2mm	AGCG.06	C	0,48mm	30,5m	76,2m	4	1,04
5	4,7mm	AGCG.05	C	0,58mm	30,5m	76,2m	4	1,49
4	5,3mm	AGCG.04	C	0,58mm	30,5m	76,2m	4	1,34
3	5,9mm	AGCG.03	C	0,58mm	30,5m	76,2m	4	1,64
2	6,7mm	AGCG.02	C	0,58mm	30,5m	76,2m	4	1,93
1	7,5mm	AGCG.01	C	0,58mm	15,2m	15,2m	4	1,93
0	8,4mm	AGCG.00	C	0,58mm	15,2m	15,2m	4	2,82
9,5mm	9,5mm	AGC0.38	C	0,76mm	15,2m	15,2m	4	3,27
11,1mm	11,1mm	AGC0.44	C	0,76mm	15,2m	15,2m	4	3,27
12,7mm	12,7mm	AGC0.50	C	0,76mm	15,2m	15,2m	4	4,61
15,9mm	15,9mm	AGC0.63	C	0,76mm	15,2m	15,2m	4	6,85
19,1mm	19,1mm	AGC0.75	C	0,97mm	15,2m	15,2m	4	8,93
22,2mm	22,2mm	AGC0.88	C	0,97mm	15,2m	15,2m	4	10,41
25,4mm	25,4mm	AGC1.00	C	0,97mm	15,2m	15,2m	4	13,10

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



ELECTRICAL INSULATION

Technical Data Sheet



FEATURES

Material	Acrylic Coated Fiberglass
Grade	C (2,500V)
Wall Thickness	0,36mm - 0,97mm
Drawing Number	TF001AGC-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.

EUROSLEEVEING

