



- **Rated to 266°F  
Class H (130°C)**
- **Grade A (8,000 V)  
Mil-I-3190/2**
- **Cut and Abrasion  
Resistant**
- **Grade C (2,500 V)**
- **Excellent Low Temp.  
Flexibility**

## Vinyl Coated Fiberglass Sleeving Grade A & C

VINYL FLEX GLASS (VG) sleeving is a heat-treated, tightly braided fiberglass sleeving coated with a firmly bonded plasticized polyvinylchloride film. This durable sleeving will withstand mechanical stress and holds its dielectric strength on all bends.

Vinyl Flex Glass is used for supplementary insulation on transformer, motor, generator, and resistor leads. Also other applications include television, radio, and other electric circuits where it can be pushed back to permit soldering. Highly resistant to acids and solvents, and will withstand tough assembly handling.

The Vinyl compound is designed for continuous operation at 130°C temperatures, while providing excellent abrasion and cut-through resistance.



**Cut Cleanly  
Scissors**

- **Colors Available:  
WH, YL, GN, BL, & BK**

Colors Available:



White (WH), Yellow (YL), Green (GN), Blue (BL), & Black (BK)



### Material

Vinyl Coated Fiberglass

### Grade

A & C



Braided Sleeving Products

[www.techflex.com](http://www.techflex.com)

800.323.5140 • 973.300.9242 • fax: 973.300.9409  
104 Demarest Road • Sparta, NJ 07871





**Put-Ups**

Nominal Size	Diameter	Part#	Grade	Part#	Grade	Bulk Spool	Shop Spool	Available Colors
24	0.020"	VGAG.24	A	VGCG.24	C	500'	250'	WH,YL,GN,BL,BK
22	0.025"	VGAG.22	A	VGCG.22	C	500'	250'	WH,YL,GN,BL,BK
20	0.032"	VGAG.20	A	VGCG.20	C	500'	250'	WH,YL,GN,BL,BK
18	0.040"	VGAG.18	A	VGCG.18	C	500'	250'	WH,YL,GN,BL,BK
16	0.053"	VGAG.16	A	VGCG.16	C	500'	250'	WH,YL,GN,BL,BK
15	0.057"	VGAG.15	A	VGCG.15	C	500'	250'	WH,YL,GN,BL,BK
14	0.064"	VGAG.14	A	VGCG.14	C	500'	250'	WH,YL,GN,BL,BK
13	0.072"	VGAG.13	A	VGCG.13	C	250'	100'	WH,YL,GN,BL,BK
12	0.081"	VGAG.12	A	VGCG.12	C	250'	100'	WH,YL,GN,BL,BK
11	0.091"	VGAG.11	A	VGCG.11	C	250'	100'	WH,YL,GN,BL,BK
10	0.102"	VGAG.10	A	VGCG.10	C	250'	100'	WH,YL,GN,BL,BK
9	0.114"	VGAG.09	A	VGCG.09	C	250'	100'	WH,YL,GN,BL,BK
8	0.129"	VGAG.08	A	VGCG.08	C	250'	100'	WH,YL,GN,BL,BK
7	0.144"	VGAG.07	A	VGCG.07	C	250'	100'	WH,YL,GN,BL,BK
6	0.162"	VGAG.06	A	VGCG.06	C	250'	100'	WH,YL,GN,BL,BK
5	0.182"	VGAG.05	A	VGCG.05	C	250'	100'	WH,YL,GN,BL,BK
4	0.204"	VGAG.04	A	VGCG.04	C	250'	100'	WH,YL,GN,BL,BK
3	0.229"	VGAG.03	A	VGCG.03	C	250'	100'	WH,YL,GN,BL,BK
2	0.258"	VGAG.02	A	VGCG.02	C	250'	100'	WH,YL,GN,BL,BK
1	0.289"	VGAG.01	A	VGCG.01	C	100'	50'	WH,YL,GN,BL,BK
0	0.325"	VGAG.00	A	VGCG.00	C	100'	50'	WH,YL,GN,BL,BK
3/8"	0.375"	VGA0.38	A	VGC0.38	C	100'	50'	WH,YL,GN,BL,BK
7/16"	0.438"	VGA0.44	A	VGC0.44	C	100'	50'	WH,YL,GN,BL,BK
1/2"	0.500"	VGA0.50	A	VGC0.50	C	100'	50'	WH,YL,GN,BL,BK
5/8"	0.625"	VGA0.63	A	VGC0.63	C	100'	50'	WH, YL, BK
3/4"	0.750"	VGA0.75	A	VGC0.75	C	100'	50'	WH, YL, BK
7/8"	0.875"	VGA0.88	A	VGC0.88	C	100'	50'	WH, YL, BK
1"	1.000"	VGA1.00	A	VGC1.00	C	100'	50'	WH, YL, BK

**RATE OF BURNING**

Conforms with requirements of NEMA TF-1, MIL-I-3190/3, 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.

**LOW TEMPERATURE**

Bends without cracking at -25°C/-13°F.