

## Fiberglass Braided Sleeve - AWG Wire Gauge Sized – Small Diameter With Silicone Resin Binder

392°F / 200°C: Continuous Rating – Higher Temperature for Shorter Periods  
*DeltaGlass™ Very High Temperature & Heat Resistant Insulation with 650 volts  
space factor rating and NEMA TF-2 Section 6.3 flame resistance*



This is a high-strength, high-temperature fibreglass sleeve produced from E-Glass.

The braiding is tight and dense, providing excellent coverage over small wires, cables, hoses, tubes and pipes.

This product conforms to NEMA TF-2 and is made from fibers conforming to MIL-Y-1140 (latest version), Class C, Form 1 (continuous filament yarns). Meets VW-1 flammability requirements.

### E-Glass Properties:

Specific Gravity g/cm <sup>3</sup> :	2.55 - 2.58
Elongation at break, %:	4.5 - 4.9
Tensile strength, psi @22°C:	500,000 - 550,000
Water absorbency @22°C, 65% R.H.:	None
Space Factor Insulation, volts:	1100 (Std Wall) 1500 (HD wall)
Volume Resistivity at 22°C and 500 volts DC, ohm-cm:	10 <sup>15</sup> – 10 <sup>16</sup>
Dielectric Constant at 22°C, 60 Hz:	6.5 – 6.8
Dissipation Factor at 22°C, 1 MHz:	0.001 – 0.005

### Common Properties:

Good resistance to most acids and alkalies  
Unaffected by bleaches and solvents  
Excellent resistance to sunlight and aging. Not attacked by Mildew.  
Conforms to NEMA TF-2. Fibers conform to MIL-R-60346. Type IV, Class 1.

**This product is made to order: Delivery is approximately 5 to 15 business days.**

**Very High Temperature & Heat Resistant Fiberglass Braided Sleeve  
 with Silicone Resin Binder  
 with NEMA classification & Meets MIL-Y-1140 Class C Form 1  
 Meets UL 1441 VW-1 Flame Resistance**

Part Number	Nominal Size				Price per Spool	Feet per Spool
	AWG / inch / mm / -dash					
S-FG-SB-AWG24	24	0.022	0.56	NA	\$ 235.10	500'
S-FG-SB-AWG22	22	0.027	0.69	NA	\$ 241.20	500'
S-FG-SB-AWG20	20	0.034	0.86	NA	\$ 243.00	500'
S-FG-SB-AWG19	19	0.038	0.96	NA	\$ 244.10	500'
S-FG-SB-AWG18	18	0.042	1.07	NA	\$ 257.10	500'
S-FG-SB-AWG17	17	0.047	1.19	NA	\$ 259.00	500'
S-FG-SB-AWG16	16	0.053	1.35	NA	\$ 263.10	500'
S-FG-SB-AWG15	15	0.059	1.50	NA	\$ 272.00	500'
S-FG-SB-AWG14	14	0.066	1.68	-01	\$ 284.90	500'
S-FG-SB-AWG13	13	0.076	1.93	NA	\$ 144.00	250'
S-FG-SB-AWG12	12	0.085	2.16	NA	\$ 155.50	250'
S-FG-SB-AWG11	11	0.095	2.41	NA	\$ 167.35	250'
S-FG-SB-AWG10	10	0.106	2.69	NA	\$ 174.00	250'
S-FG-SB-AWG9	9	0.118	3.10	NA	\$ 184.85	250'
S-FG-SB-AWG8	8	0.133	3.38	-02	\$ 192.40	250'
S-FG-SB-AWG7	7	0.148	3.76	NA	\$ 206.25	250'
S-FG-SB-AWG6	6	0.166	4.22	NA	\$ 133.92	150'
S-FG-SB-AWG5	5	0.186	4.72	-03	\$ 148.23	150'
S-FG-SB-AWG4	4	0.208	5.28	NA	\$ 165.03	150'
S-FG-SB-AWG3	3	0.234	5.94	NA	\$ 177.21	150'
S-FG-SB-AWG2	2	0.263	6.68	-04	\$ 197.25	150'
S-FG-SB-AWG1	1	0.294	7.47	NA	\$ 219.69	150'
S-FG-SB-05	5/16	0.313	7.95	-05	\$ 236.49	150'
S-FG-SB-AWG0	0	0.330	8.38	NA	\$ 247.46	150'
S-FG-SB-06	3/8	0.375	9.52	-06	\$ 324.02	150'
S-FG-SB-07	7/16	0.438	11.12	-07	\$ 311.82	100'
S-FG-SB-08	1/2	0.500	12.70	-08	\$ 348.70	100'
S-FG-SB-10	5/8	0.625	15.87	-10	\$ 402.10	100'
S-FG-SB-12	3/4	0.750	19.05	-12	\$ 466.62	100'
S-FG-SB-14	7/8	0.875	22.22	-14	\$ 548.72	100'
S-FG-SB-16	1	1.000	25.40	-16	\$ 643.76	100'

Larger Sizes up to 2" ID Available

See Size Table at the end of this catalog section for dimensional specifications

**This product is not a stock item, it is made to order: Delivery is approximately 5 to 15 business days.**