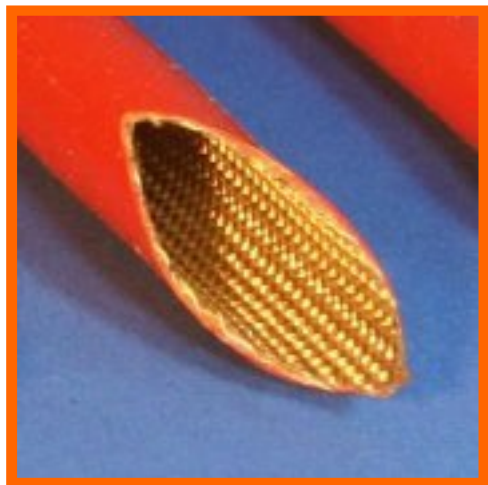


## High Temperature Small Diameter / Thin Wall Sleeve

### Silicone Rubber Coated Fiberglass Sleeve with UL/CSA rating



Designed for protecting small diameter wire, cable, lines, hose, and pipe from high temperature, flame and environmental contamination. Recognized by UL/CSA for 240°C, 600V service, and complies with VW-1 flammability requirements. Conforms to, and is listed on the QPL for MIL-I-3190/9.

Extremely flexible and easily installed. Used in electrical apparatus as a secondary wiring insulation. Wall thickness for this product is nominal 0.031 inch or 0.80mm.

The inner braid is very fine and dense, and along with the precision silicone rubber coating, this is the most flexible sleeve we have available for wire, cable and hose protection.

464°F / 240°C continuous rating with weld splatter / molten metal splash protection

Available in Oxide-Red and Black

#### Property

#### Procedure

#### Performance

##### **Physical**

Tensile Strength, Coating  
Ultimate Elongation, Coating  
Hardness, Coating  
Flexibility & Toughness, Coating

ASTM-D412  
ASTM-D412  
ASTM-D2240  
UL 1441

1600 psi  
800% @ 20°C  
54 (Durometer, Shore A)  
Passes Penetration Test

##### **Chemical**

Oil & Solvent Resistance  
Water Vapour Resistance  
Resistance to Acids and Alkalis  
Resistance to Weathering  
Compatibility

MIL-I-3190/9  
MIL-I-3190/9  
-  
-  
UL 1446

Passes  
Passes  
Excellent  
Unaffected by sunlight and weather  
Good. Compatible with most potting compounds and varnishes

##### **Electrical**

Dielectric Strength:  
after 48/23/50, Grade A  
after 96/23/96, Grade A  
Hydrostatic Stability after 336 hrs  
@ 70°C over Constant Water Reflex

NEMA TF-1  
NEMA TF-1  
MIL-I-3190/9

8000V min avg., 6000v min individual  
80% of Original Value  
Passes 7660V min avg with no disintegration, reversion or cracks (spec 5000V)

##### **Thermal**

Thermal Endurance  
Brittleness Temperature  
Flame Resistance

MIL-I-3190/9 & UL 1441  
ASTM-D350  
UL 1441  
ASTM-D350, Method A  
NEMA TF-1  
MIL-I-3190/9, Method A  
MIL-I-3190/9

Class 240°C (S)  
-80°C  
Passes (VW-1)  
Passes  
Passes  
Passes  
No cracks or ruptures, 6000V min avg breakdown strength

Pushback

## High Temperature Small Diameter / Thin Wall Sleeve Silicone Rubber Coated Fiberglass Sleeve with UL/CSA rating

High Temperature - Small Diameter - Thin Wall Sleeve Silicone Rubber Coated Fiberglass Sleeve with UL/CSA rating						
Part Number	Nominal ID				Feet per Coil	Price per Foot
	AWG / Inches / mm / -dash					
AB-FS-SD-AWG24-X	24	0.022	0.56		500 or 1000	\$ 0.96
AB-FS-SD-AWG22-X	22	0.027	0.69		500 or 1000	\$ 0.98
AB-FS-SD-AWG20-X	20	0.034	0.86		500 or 1000	\$ 1.01
AB-FS-SD-AWG19-X	19	0.038	0.96		500 or 1000	\$ 1.02
AB-FS-SD-AWG18-X	18	0.042	1.07		500 or 1000	\$ 1.05
AB-FS-SD-AWG17-X	17	0.047	1.19		500 or 1000	\$ 1.07
AB-FS-SD-AWG16-X	16	0.053	1.35		500 or 1000	\$ 1.09
AB-FS-SD-AWG15-X	15	0.059	1.50		500 or 1000	\$ 1.10
AB-FS-SD-AWG14-X	14	0.066	1.68	-01	500 or 1000	\$ 1.16
AB-FS-SD-AWG13-X	13	0.076	1.93		250 or 500	\$ 1.18
AB-FS-SD-AWG12-X	12	0.085	2.16		250 or 500	\$ 1.30
AB-FS-SD-AWG11-X	11	0.095	2.41		250 or 500	\$ 1.37
AB-FS-SD-AWG10-X	10	0.106	2.69		250 or 500	\$ 1.45
AB-FS-SD-AWG9-X	9	0.118	3.10		250 or 500	\$ 1.49
AB-FS-SD-AWG8-X	8	0.133	3.38	-02	250 or 500	\$ 1.61
AB-FS-SD-AWG7-X	7	0.148	3.76		250 or 500	\$ 1.72
AB-FS-SD-AWG6-X	6	0.166	4.22		150 or 250	\$ 1.83
AB-FS-SD-AWG5-X	5	0.186	4.72	-03	150 or 250	\$ 2.05
AB-FS-SD-AWG4-X	4	0.208	5.28		150 or 250	\$ 2.29
AB-FS-SD-AWG3-X	3	0.234	5.94		150 or 250	\$ 2.57
AB-FS-SD-AWG2-X	2	0.263	6.68	-04	150 or 250	\$ 3.03
AB-FS-SD-AWG1-X	1	0.294	7.47		150 or 250	\$ 3.47
AB-FS-SD-05-X	5/16	0.313	7.95	-05	150 or 250	\$ 3.78
AB-FS-SD-AWG0-X	0	0.330	8.38		150	\$ 4.07
AB-FS-SD-06-X	3/8	0.375	9.52	-06	150	\$ 5.69
AB-FS-SD-07-X	7/16	0.438	11.12	-07	100	\$ 7.51
AB-FS-SD-08-X	1/2	0.500	12.70	-08	100	\$ 8.77
AB-FS-SD-10-X	5/8	0.625	15.87	-10	100	\$ 10.68
AB-FS-SD-12-X	3/4	0.750	19.05	-12	100	\$ 12.58
AB-FS-SD-14-X	7/8	0.875	22.22	-14	100	\$ 15.34
AB-FS-SD-16-X	1	1.000	25.40	-16	100	\$ 18.74
AB-FS-SD-18-X	1 1/8	1.125	28.57	-18	100	\$ 26.03
AB-FS-SD-20-X	1 1/4	1.250	31.75	-20	100	\$ 30.62
AB-FS-SD-22-X	1 3/8	1.375	34.92	-22	3	\$ 33.37
AB-FS-SD-23-X	1 7/16	1.437	36.49	-23	3	\$ 36.88
AB-FS-SD-24-X	1 1/2	1.500	38.10	-24	3	\$ 39.83
AB-FS-SD-26-X	1 5/8	1.625	41.27	-26	3	\$ 42.99
AB-FS-SD-28-X	1 3/4	1.750	44.45	-28	3	\$ 46.46
AB-FS-SD-30-X	1 7/8	1.875	47.62	-30	3	\$ 50.17
AB-FS-SD-32-X	2	2.000	50.80	-32	3	\$ 57.31

Wall thickness for this product is nominal 0.031 inch or 0.80mm.

For the "X" value in the part number, specify "B" for Black or "R" for Oxide-Red Color.

**This product is available in full coils only**