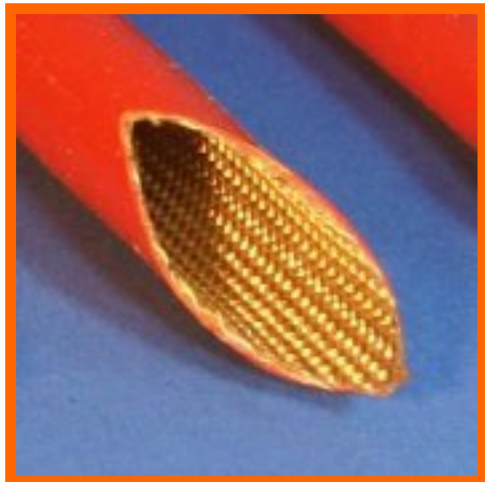


464°F / 240°C: High Temperature, Heat & Flame Resistant Small Diameter / Thin Wall Sleeve:
Silicone Rubber Coated Fiberglass Sleeve with UL/CSA rating



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 Colors are Oxide-Red and Black

<u>Property</u>	<u>Procedure</u>	<u>Performance</u>
Physical		
Tensile Strength, Coating	ASTM-D412	1600 psi
Ultimate Elongation, Coating	ASTM-D412	800% @ 20°C
Hardness, Coating	ASTM-D2240	54 (Durometer, Shore A)
Flexibility & Toughness, Coating	UL 1441	Passes Penetration Test
Chemical		
Oil & Solvent Resistance	MIL-I-3190/9	Passes
Water Vapour Resistance	MIL-I-3190/9	Passes
Resistance to Acids and Alkalis	-	Excellent
Resistance to Weathering	-	Unaffected by sunlight and weather
Compatibility	UL 1446	Good. Compatible with most potting compounds and varnishes
Electrical		
Dielectric Strength:		
after 48/23/50, Grade A	NEMA TF-1	8000V min avg., 6000v min individual
after 96/23/96, Grade A	NEMA TF-1	80% of Original Value
Hydrostatic Stability after 336 hrs @ 70°C over Constant Water Reflex	MIL-I-3190/9	Passes 7660V min avg with no disintegration, reversion or cracks (spec 5000V)
Thermal		
Thermal Endurance	MIL-I-3190/9 & UL 1441	Class 240°C (S)
Brittleness Temperature	ASTM-D350	-80°C
Flame Resistance	UL 1441	Passes (VW-1)
	ASTM-D350, Method A	Passes
	NEMA TF-1	Passes
	MIL-I-3190/9, Method A	Passes
Pushback	MIL-I-3190/9	No cracks or ruptures, 6000V min avg breakdown strength

High Temperature, Heat & Flame Resistant 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	Price per Metre
	AWG / Inches / mm / -dash						
FS-SD-AWG24-X	24	0.022	0.56		500 or 1000	\$ 0.96	\$ 3.15
FS-SD-AWG22-X	22	0.027	0.69		500 or 1000	\$ 0.98	\$ 3.21
FS-SD-AWG20-X	20	0.034	0.86		500 or 1000	\$ 1.01	\$ 3.31
FS-SD-AWG19-X	19	0.038	0.96		500 or 1000	\$ 1.02	\$ 3.35
FS-SD-AWG18-X	18	0.042	1.07		500 or 1000	\$ 1.05	\$ 3.44
FS-SD-AWG17-X	17	0.047	1.19		500 or 1000	\$ 1.07	\$ 3.51
FS-SD-AWG16-X	16	0.053	1.35		500 or 1000	\$ 1.09	\$ 3.58
FS-SD-AWG15-X	15	0.059	1.50		500 or 1000	\$ 1.10	\$ 3.61
FS-SD-AWG14-X	14	0.066	1.68	-01	500 or 1000	\$ 1.16	\$ 3.81
FS-SD-AWG13-X	13	0.076	1.93		250 or 500	\$ 1.18	\$ 3.87
FS-SD-AWG12-X	12	0.085	2.16		250 or 500	\$ 1.30	\$ 4.26
FS-SD-AWG11-X	11	0.095	2.41		250 or 500	\$ 1.37	\$ 4.49
FS-SD-AWG10-X	10	0.106	2.69		250 or 500	\$ 1.45	\$ 4.76
FS-SD-AWG9-X	9	0.118	3.10		250 or 500	\$ 1.49	\$ 4.89
FS-SD-AWG8-X	8	0.133	3.38	-02	250 or 500	\$ 1.61	\$ 5.28
FS-SD-AWG7-X	7	0.148	3.76		250 or 500	\$ 1.72	\$ 5.64
FS-SD-AWG6-X	6	0.166	4.22		150 or 250	\$ 1.83	\$ 6.01
FS-SD-AWG5-X	5	0.186	4.72	-03	150 or 250	\$ 2.05	\$ 6.73
FS-SD-AWG4-X	4	0.208	5.28		150 or 250	\$ 2.29	\$ 7.51
FS-SD-AWG3-X	3	0.234	5.94		150 or 250	\$ 2.57	\$ 8.43
FS-SD-AWG2-X	2	0.263	6.68	-04	150 or 250	\$ 3.03	\$ 9.94
FS-SD-AWG1-X	1	0.294	7.47		150 or 250	\$ 3.47	\$ 11.38
FS-SD-05-X	5/16	0.313	7.95	-05	150 or 250	\$ 3.78	\$ 12.40
FS-SD-AWG0-X	0	0.330	8.38		150	\$ 4.07	\$ 13.35
FS-SD-06-X	3/8	0.375	9.52	-06	150	\$ 5.69	\$ 18.66
FS-SD-07-X	7/16	0.438	11.12	-07	100	\$ 7.51	\$ 24.63
FS-SD-08-X	1/2	0.500	12.70	-08	100	\$ 8.77	\$ 28.76
FS-SD-10-X	5/8	0.625	15.87	-10	100	\$ 10.68	\$ 35.03
FS-SD-12-X	3/4	0.750	19.05	-12	100	\$ 12.58	\$ 41.26
FS-SD-14-X	7/8	0.875	22.22	-14	100	\$ 15.34	\$ 50.32
FS-SD-16-X	1	1.000	25.40	-16	100	\$ 18.74	\$ 61.47
FS-SD-18-X	1 1/8	1.125	28.57	-18	100	\$ 26.03	\$ 85.38
FS-SD-20-X	1 1/4	1.250	31.75	-20	100	\$ 30.62	\$ 100.43
FS-SD-22-X	1 3/8	1.375	34.92	-22	3	\$ 33.37	\$ 109.45
FS-SD-23-X	1 7/16	1.437	36.49	-23	3	\$ 36.88	\$ 120.97
FS-SD-24-X	1 1/2	1.500	38.10	-24	3	\$ 39.83	\$ 130.64
FS-SD-26-X	1 5/8	1.625	41.27	-26	3	\$ 42.99	\$ 141.01
FS-SD-28-X	1 3/4	1.750	44.45	-28	3	\$ 46.46	\$ 152.39
FS-SD-30-X	1 7/8	1.875	47.62	-30	3	\$ 50.17	\$ 164.56
FS-SD-32-X	2	2.000	50.80	-32	3	\$ 57.31	\$ 187.98

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 "OR" for Oxide-Red Color.

This product is available in full coils only