

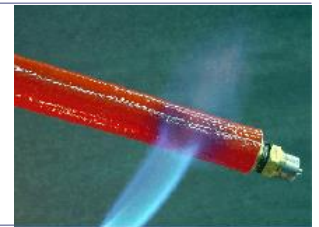
# FITCO®Therm V-FS

FITCO®Therm V-FS sleeving and tape products are designed to protect hoses, cables and wire harnesses from high heat exposure, flame, molten metal splash and welding sparks. FITCO®Therm V-FS is a high-grade extruded silicone rubber coated fiberglass sleeving. It assembles easily over hose and will expand over fittings and connectors.

FITCO®Therm V-FS is available in Aerospace grade which will withstand short term flame exposure to 2000°F (1093°C) when installed on a hose assembly qualified to SAE Aerospace standard 1055, and our industrial grade which is designed for less severe applications.

**Operating temperature:** -73°C to +260°C, short term up to +1093°C

**Standard color:** Red  
Other colors on request



### Performance Data:

FITCO®Therm V-FS Sleeving and Tape products are type 2 silicone rubber composite manufactured by coating a fiberglass braided substrate with a specially formulated red oxide silicone rubber coating. The standard product meets the requirements of SAE Aerospace Standard AS1072 type 2. Suitable hoses, sleeved with Aerospace Fireshield have been tested in accordance with UL 73/SAE 1055 and meet the following specifications: UL 181, SAE 1055 Class A and B, and FAA standards TSO-C140, TSO-C53a and TSO-C75.

Description	Requirements	Results
<b>Dielectric Breakdown Voltage Testing</b> (no. of samples=10)		
FITCO®Therm V-FS Industry 1/2" Black	≥7KV	9.2KV avg.
FITCO®Therm V-FS Aerospace 3/4" Black	≥10KV	>10KV avg.
FITCO®Therm V-FS Light 5/8" Grey	≥4KV	4.06KV avg.

### Packaging:

FITCO®Therm V-FS Tape is supplied in 1" to 6" widths in 1" increments and can be supplied on spools or coils supplied in 25, 50, 75 and 100 ft or cut to specific lengths.

### Availability:

FITCO®Therm V-FS is available in inner diameter sizes ranging from 5/16" to 1" in 1/16" increments and from 1" to 4" in 1/8" increments. Standard color is red oxide to Aerospace grade and color black and other colors to Industrial grade.

## FITCO®Therm V-FS

Number	Diameter			Feet per Spool
	Decimal (inch)	Fraction	Metric (mm)	
4	0.250	1/4"	6.3	100
5	0.313	5/16"	7.9	100
6	0.375	3/8"	9.5	100
7	0.438	7/16"	11.1	100
8	0.500	1/2"	12.7	100
9	0.563	9/16"	14.3	100
10	0.625	5/8"	15.9	100
11	0.688	11/16"	17.5	100
12	0.750	3/4"	19.1	50
13	0.813	13/16"	20.6	50
14	0.875	7/8"	22.2	50
15	0.938	15/16"	23.8	50
16	1.000	1"	25.4	50
18	1.125	1-1/8"	28.6	50
20	1.250	1-1/4"	31.8	50
22	1.375	1-3/8"	34.9	50
24	1.500	1-1/2"	38.1	50
26	1.625	1-5/8"	41.3	50
28	1.750	1-3/4"	44.5	50
30	1.875	1-7/8"	47.6	50
32	2.000	2"	50.8	50
34	2.125	2-1/8"	54.0	50
36	2.250	2-1/4"	57.2	50
38	2.375	2-3/8"	60.3	50
40	2.500	2-1/2"	63.5	50
42	2.625	2-5/8"	66.7	50
44	2.750	2-3/4"	69.9	50
46	2.875	2-7/8"	73.0	50
48	3.000	3"	76.2	50
50	3.125	3-1/8"	79.4	50
52	3.250	3-1/4"	82.6	50
56	3.500	3-1/2"	88.9	50
58	3.625	3-5/8"	92.1	50
60	3.750	3-3/4"	95.3	25
62	3.875	3-7/8"	98.4	25
64	4.000	4"	101.6	25

### Key Benefits:

- Temporary barrier to flame breakthrough
- Fluids resistant to hydraulic fluid, lubricating oils and other acids
- Mechanical and environmental protection

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