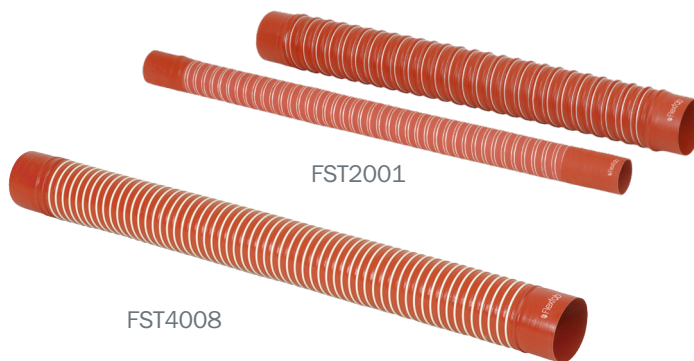




FST5526



FST2001

FST4008



FST2002

PASSENGER RAIL FLEXIBLE HOSE

Flexfab offers a full range of flexible hoses for use in low and medium pressure applications. If you do not see what you need, please inquire into our myriad of customer specific or unique designs, which may include options such as insulation, clampless cuffs, formed bends or variable diameters.

Flexfab ID	Material	Temperature °F (°C)	Operating Pressure* PSIG (bar)		Inside Bend Radius (multiple of diameter)	Diameters** Inch (mm)
FST2001	2 ply Silicone/fiberglass & metallic wire	-65 to 450 (-54 to 232)	-3 to -15 (-0.2 to -1.0)	30 to 60 (2.1 to 4.1)	0.3	.375 to 6.00 (9.5 to 152)
FST2002	2 ply Silicone/fiberglass & non-metallic wire	-65 to 300 (-54 to 149)	0 to -1 (0 to -0.07)	1 to 12 (0.07 to 0.83)	1 to 2	.375 to 6.00 (9.5 to 152)
FST4008	1 ply Silicone/fiberglass & non-metallic wire	-65 to 250 (-54 to 121)	-0.5 (-0.03)	2 to 13 (0.14 to 0.90)	1	.50 to 12.00 (13 to 305)
FST5526	Silicone with fiber reinforcement	-65 to 350 (-54 to 177)	-3 to -5 (-0.2 to -0.3)	67 to 107 (4.6 to 7.4)	5	.25 to 1.63 (6 to 41)

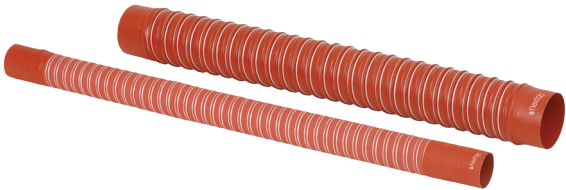
*Pressures may vary by diameter. ** Custom lengths and diameters available on request.

FST200218002206 EXAMPLE: 2.25 ID X 5.50 OAL
WITH 1.50 SOFT CUFFS (BOTH ENDS)
C = CUFF IN .25 INCREMENTS
L = LENGTH IN .25 INCREMENTS
ID = DIA IN .125 INCREMENTS
BASIC PART NUMBER

Part Number Dimensional Coding Example: (use leading zeros as necessary)

Passenger Rail High-Performance
Hoses, Ducts, and Connectors

Specifications are for reference only. Specific test data available on request



Characteristic	Value
Temperature Range:	-65° to 450° F (-54° to 232° C)
Leakage at operating pressure	0.01 SCFM/in. ID/ft Length
Min Inside Bend Radius	0.3 x Diameter
Overall Length	5.0 in to 144.0 in*

Diameter (in.)	Negative Operating Pressure (psig)	Positive Operating Pressure (psig)
0.375 to 1.250	15	60
1.312 to 1.750	13	55
1.812 to 2.250	10	50
2.375 to 2.875	8	45
2.937 to 3.187	7	45
3.250 to 3.427	6	45
3.500 to 3.625	6	40
3.687 to 4.125	5	40
4.187 to 5.125	4	35
5.187 to 5.625	4	30
5.687 to 6.000	3	30

*Hoses may be spliced together to achieve longer lengths

FST2001

2 ply silicone coated woven fiberglass hose with embedded metallic helix. Meets flame and smoke requirements for Passenger Rail HVAC systems as specified in NFPA 130 (ASTM E162, ASTM E662). Meets toxicity level requirements for SMP-800C. Test results available for ASTM E1354. Meets requirements of EN 45545-2 R1 HL2.



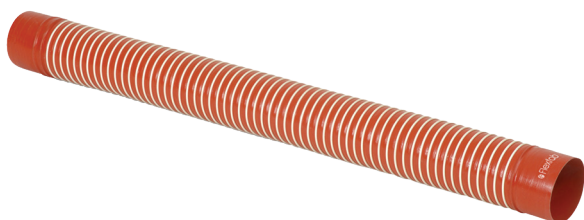
Characteristic	Value
Temperature Range:	-65° to 300° F (-54° to 149° C)
Leakage at operating pressure	0.02 SCFM/in. ID/ft Length
Min Inside Bend Radius	1 x Diameter ≤ 2.75 in dia 2 x Diameter ≥ 3.00 in dia,
Overall Length	5.0 in to 144.0 in*

Diameter (in.)	Negative Operating Pressure (psig)	Positive Operating Pressure (psig)
0.375 to 0.625	1.0	12
0.75 to 1.00	1.0	9
1.12 to 2.00	1.0	5
2.12 to 3.00	1.0	4
3.12 to 4.00	1.0	3
4.12 to 5.00	-	2
5.12 to 6.00	-	1

*Hoses may be spliced together to achieve longer lengths

FST2002

2 ply silicone coated woven fiberglass hose with embedded non-metallic helix. Meets flame and smoke requirements for Passenger Rail HVAC systems as specified in NFPA 130 (ASTM E162, ASTM E662). Meets toxicity level requirements for SMP-800C. Test results available for ASTM E1354.



FST4008

1 ply silicone coated woven fiberglass hose with non-metallic helix. Meets flame and smoke requirements for Passenger Rail HVAC systems as specified in NFPA 130 (ASTM E162, ASTM E662). Meets toxicity level requirements for SMP-800C. Test results available for ASTM E1354.

Characteristic	Value
Temperature Range:	-65° to 250° F (-54° to 121° C)
Leakage at operating pressure	0.015 SCFM/in. ID/ft Length
Min Inside Bend Radius	1 x Diameter
Overall Length	5.0 in to 144.0 in*

Diameter (in.)	Negative Operating Pressure (psig)	Positive Operating Pressure (psig)
.500 to 1.000	0.5	13
1.250 to 2.000	0.5	7
2.250 to 3.000	0.5	5
3.250 to 4.000	0.5	4
4.250 to 5.000	0.5	3
5.250 to 12.000	0.5	2

*Hoses may be spliced together to achieve longer lengths



FST5526

Silicone with 1 ply Nylon or para-aramid reinforcement. Meets flame and smoke requirements for Passenger Rail HVAC systems as specified in NFPA 130 (ASTM E162, ASTM E662). Meets toxicity level requirements for SMP-800C. Test results available for ASTM E1354.

Characteristic	Value
Temperature Range:	-65° to 350° F (-54° to 177° C)
Min Inside Bend Radius	5 x Diameter
Overall Length	Stocked in 25 ft and 50 ft boxes*

Inside Diameter in (mm)	Outside Diameter in (mm)	Positive Operating Pressure (psig)
0.25 (6)	0.58 (15)	80
0.31 (8)	0.64 (16)	80
0.38 (10)	0.71 (18)	75
0.50 (13)	0.83 (21)	75
0.63 (16)	0.96 (24)	75
0.75 (19)	1.08 (27)	75
0.88 (22)	1.21 (31)	65
1.00 (25)	1.33 (34)	60
1.13 (29)	1.44 (37)	50
1.25 (32)	1.58 (40)	50
1.38 (35)	1.69 (43)	50
1.50 (38)	1.81 (46)	50
1.63 (41)	1.97 (50)	45

*Custom lengths available on request.



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