

Data Sheet

Single Ply Ducting SFD/1

Silflex Limited

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Material

hose wall: silicone coated glass fabric
 spiral: spring steel wire
 cord: glass fibre cord

Applications

Conveying of air or gaseous media with high gas or environmental temperatures

Properties

- highly flexible
- lightweight
- small bend radius
- nearly smooth inside
- symmetrically bending
- kink proof
- free of halogens
- good chemical resistance
- immovable vulcanized wall and spring steel spiral

Standard Construction

- Colour: Brick Red
- Production length: 4 m

Temperature Range

- Continuous: -70°C to +250°C (-95°F to +485°F)
- Intermittent: -85°C to +300°C (-120°F to +570°F)

Operating Data

I.D. (mm)	I.D. (inches)	Maximum Operating Pressure (Bar)	Vacuum Pressure (mm Hg)	Bending Radius (mm*)	weight (kg/m)	Our Reference
25	1"	1.6	5100	8	0.12	SFD-025/1
31	1¼"	1.4	5000	10	0.14	SFD-031/1
38	1½"	1.3	5000	12	0.17	SFD-038/1
44	1¾"	1.2	4600	14	0.21	SFD-044/1
51	2"	1.2	4300	16	0.25	SFD-051/1
57	2¼"	1.1	4100	18	0.28	SFD-057/1
63	2½"	1.1	3900	22	0.32	SFD-063/1
69	2¾"	1.1	3600	24	0.36	SFD-069/1
76	3"	1.1	3400	27	0.41	SFD-076/1
82	3¼"	1.0	3100	28	0.46	SFD-082/1
89	3½"	1.0	3000	29	0.49	SFD-089/1
102	4"	0.9	2600	35	0.65	SFD-102/1
114	4½"	0.9	2200	40	0.71	SFD-114/1
127	5"	0.8	1700	46	0.80	SFD-127/1
140	5½"	0.7	1500	48	0.90	SFD-140/1
152	6"	0.7	1400	51	0.99	SFD-152/1
178	7"	0.6	1100	60	1.19	SFD-178/1
203	8"	0.5	700	68	1.33	SFD-203/1

* Referring to the inner side of the elbow of hose.

The above mentioned data refers to an average and ambient temperature of +20 °C.
 Other sizes are available details on request.

