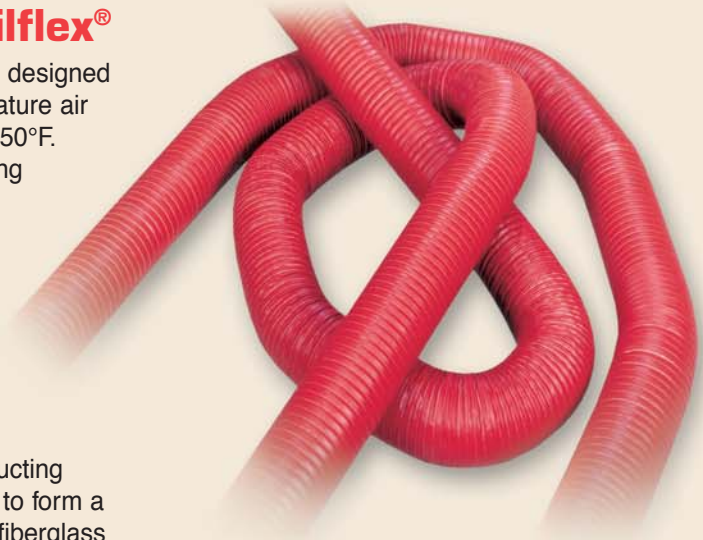


Silflex ducting products are designed to handle extreme high and low temperature air handling applications ranging from -80°F to +550°F.

They are not recommended for applications involving the movement of liquids or abrasive materials, or for negative pressure applications. This ducting is extremely flexible and can be easily installed around obstructions and sharp bends. Typical applications include electronic equipment cooling, paper processing equipment, engine compartment air handling, and fume removal from aluminum and glass manufacturing.



Silflex Type SSF – Lightweight and extremely flexible, this ducting minimizes waste since short sections can be joined together to form a continuous length. It features a single ply of silicone coated fiberglass fabric with an internally exposed helical wire reinforcement.

Type SSF

Inside Diameter (inches)	2	3	4	5	6
Weight (lbs./ft.)	.19	.29	.38	.48	.58
Inside Bend Radius (inches)	.50	.75	1.0	1.25	1.50
Length Required for 180° Bend (inches)	8	12	16	20	24
Minimum Burst Pressure (psig)	102	88	69	57	41
Internal Working Pressure (psig)	26	22	17	14	10
Maximum Leakage (cfm/ft. at working pressure)	.010	.015	.020	.025	.030
Crush Resistance (lbs./ft.)	400	320	290	240	200
Axial Tensile Strength (lbs.)	375	535	660	870	900
Compressed Length (inches per foot)	3.5	3.5	2.5	2.1	2.0
Operating Temperature Range	-80°F to +550°F				

* Silflex Type SSF is normally available in 11 foot lengths, however this product can be ordered in a range of diameter sizes and lengths.

Silflex Type DSF – This ducting features a double ply of silicone coated fiberglass fabric with the helical wire reinforcement encased between two plies of fabric. The liner allows for improved air flow and less air friction loss. Plus, it also provides a higher pressure rating than the Silflex SSF.



Type DSF

Inside Diameter (inches)	2	3	4	5	6
Weight (lbs./ft.)	.20	.33	.44	.55	.66
Inside Bend Radius (inches)	.75	1.0	1.25	1.50	.175
Length Required for 180° Bend (inches)	10	14	19	24	28
Minimum Burst Pressure (psig)	165	142	125	76	68
Internal Working Pressure (psig)	42	35	31	19	17
Maximum Leakage (cfm/ft. at working pressure)	.016	.024	.032	.040	.048
Crush Resistance (lbs./ft.)	400	320	290	240	200
Axial Tensile Strength (lbs.)	525	680	860	900+	900+
Compressed Length (inches per foot)	4.5	4.5	4	3.5	3.5
Operating Temperature Range	-80°F to +550°F				

* Silflex Type DSF is normally available in 11 foot lengths, however this product can be ordered in a range of diameter sizes and lengths.