

Neoflex®

Neoflex ducting is designed for conveying hot or cold temperature air and fume control applications ranging from -40°F to +300°F. It is not recommended for applications involving the movement of liquids or abrasive materials, or for negative pressure applications. Its excellent flexibility allows for easy installation around obstructions and sharp bends. Typical applications include portable generator cooling, heater ducts and electronic equipment cooling.



Neoflex Type SNF – This extremely lightweight, highly flexible, low pressure ducting is suitable for conveying fumes and air. Short lengths can be easily attached together to form a continuous length. It features a single ply of neoprene coated fiberglass fabric with an internally exposed helical wire reinforcement.

Type SNF

Inside Diameter (inches)	2	3	4	5	6	7	8	10	12
Weight (lbs./ft.)	.15	.23	.31	.39	.47	.55	.63	.78	.95
Inside Bend Radius (inches)	.50	.75	1.00	1.25	1.50	1.75	2.00	2.23	2.50
Length Required for 180° Bend (inches)	8	12	16	20	24	28	32	39	46
Minimum Burst Pressure (psig)	120	105	85	58	44	30	26	16	10
Internal Working Pressure (psig)	30	26	21	14.5	11	7.5	6.5	4	2.5
Maximum Leakage (cfm/ft. at working pressure)	.030	.045	.060	.075	.090	.105	.120	.135	.150
Crush Resistance (lbs./ft.)	400	320	290	240	200	190	145	105	60
Axial Tensile Strength (lbs.)	425	575	700	900	900	900	900	900	900
Compressed Length (inches per foot)	3.5	3.5	3.5	2.5	2.0	2.0	2.0	2.0	2.0
Operating Temperature Range	-40°F to +300°F								

* Neoflex Type SNF is normally available in 10 foot lengths, however this product can be ordered in a range of diameter sizes and lengths.

Neoflex Type DNF – It features a double ply of neoprene coated fiberglass fabric with the helical wire reinforcement encased between two plies of fabric. Higher pressure rating, improved air flow and less air friction loss are the benefits of the 2-ply construction.



Type DNF

Inside Diameter (inches)	2	3	4	5	6	7	8	10	12
Weight (lbs./ft.)	.22	.35	.47	.58	.69	.81	.92	1.15	1.35
Inside Bend Radius (inches)	.75	1.10	1.25	1.50	1.75	2.00	2.25	3.00	4.00
Length Required for 180° Bend (inches)	10	14	19	24	28	32	38	50	60
Minimum Burst Pressure (psig)	185	160	144	84	76	48	43	38	22
Internal Working Pressure (psig)	46	40	36	21	19	12	9.5	6.5	5.5
Maximum Leakage (cfm/ft. at working pressure)	.020	.030	.040	.050	.060	.070	.080	.100	.120
Crush Resistance (lbs./ft.)	400	320	290	240	200	190	145	105	60
Axial Tensile Strength (lbs.)	550	720	900+	900+	900+	900+	900+	900+	900+
Compressed Length (inches per foot)	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.0
Operating Temperature Range	-40°F to +300°F								

* Neoflex Type DNF is normally available in 10 foot lengths, however this product can be ordered in a range of diameter sizes and lengths.

* Contact Customer Service for complete details.