

Novaflex®

Thermoplastic Rubber

The answer to your every day ducting needs

Manufactured without solvents glues or adhesives SF-TPRX provides outstanding performance and fatigue resistance. Smooth interior design allows for superior flow and maximum efficiency.

Extremely flexible with excellent shape retention; this duct is highly compressible for easy storage and transportation.

Novaflex TPRX offers

Excellent flex fatigue resistance

Good abrasion resistance

Smooth interior

Rigid polypropylene helix

Specifications

Part No: 9SFTRPX__

Temperature Range: -40F (-40°C) to +275°F (+135°C) continuous;
300°F (+149°) intermittent.

Lengths: 25 & 50 ft.

Sizes: 2" to 12"

Compression ratio: 2:1

Black with white helix



Size ID (in)	Min in. for 90° Bend	Bend Radius	Friction Loss Straight Run 100' (in Wg)	Friction Loss 90° 100' (in Wg)	Positive W. P. (PSIG)	Neg. W.P. (vacuum rating in Hg)	Wgt (per foot)	Crush Tests ½ ID (lbs per foot)
2"	8.0"	3.0"	1.68	1.8	8.5	26	0.33	790
3"	9.0"	3.5"	1.6	1.72	7.5	24	0.39	690
4"	11.5"	4.5"	1.3	1.43	7.3	20	0.49	500
5"	13.5"	5.5"	1.23	1.34	7.2	16	0.66	400
6"	14.5"	6.5"	1.2	1.32	7	12	0.77	375
8"	19.0"	8.5"	0.7	0.77	6.7	5	1	320
10"	21.0"	10.0"	0.68	0.75	5.5	4.5	1.12	290
12"	24.5"	11.5"	0.65	0.72	4.7	4	1.23	250

The above data is provided as a general guide only. Friction loss through flexible ducting is dependent on the diameter, length, values, inner wall surface, general duct construction and number of bends. Friction loss values were obtained using 100ft straight runs with an air velocity of 3,500 FPM.

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