

## Thermo Plastic Rubber



### Today's 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

Temperature Range: -40F to +275°F continuous; 300°F intermittent.

Lengths: 25 & 50 ft.

Sizes: 2" to 12"

Compression ratio: 2:1

Black with white helix

Part no: 9SFTPRX\_ \_

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.

All hose and duct manufactured by Novaflex are warranted to be free from all defects in material and workmanship. It is impossible to test Novaflex hose and duct under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all Novaflex hose and duct under conditions that duplicate the service conditions prior to installation.

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