



## Thermo Plastic PVC

### SF-PVCX

This duct's special molecular bonded construction means less turbulence for maximum flow efficiency

This is a choice duct for many industrial applications, including the transport of particles and gaseous media. Constructed of premium clear PVC; this duct allows for continuous visual monitoring and is manufactured without wire.

#### Novaflex PVCX offers

Good resistance to oil, alkali and acids  
Extremely flexible with good abrasion resistance  
Clear construction for visual monitoring

#### Specifications

Temperature range: -20°F to +165°F

Lengths: 25 & 50 ft.

Sizes: 1" to 12"

Compression ratio: 2:1

Clear PVC wall with clear rigid PVC 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"	8.5"	3.0"	1.78	2.01	18	28	0.47	920
3"	9.5"	3.5"	1.62	1.77	14	28	0.53	740
4"	11.0"	4.5"	1.52	1.66	13.3	24	0.59	520
5"	13.5"	5.0"	1.22	1.34	12.6	19	0.75	410
6"	14.5"	5.5"	1.2	1.32	12	14	0.88	340
8"	19.0"	7.0"	0.74	0.81	10.7	5	1.3	300
10"	21.5"	8.5"	0.68	0.75	7	5	1.55	275
12"	24.0"	9.5"	0.65	0.72	6.3	4	1.75	200

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.

Actual service temperature range is application-dependent

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