



NOVAFLEX® Flame Retardant Thermoplastic Duct

Designed for use in volatile environments.

Dust control.

High temperature exhaust, including sparks.

THE
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Novaflex®

Flame Retardant Thermoplastic Rubber

Flexible Fume Control Duct in Flame Retardant Thermoplastic Rubber

This flame retardant welding fume extraction duct and cable cover is designed specifically for welding environments including sparks and slag. Flexibility allows fit around tight corners and limited spaces. Ideal for dust and fume removal. Manufactured of UL 94V0 approved material and RoHS compliant material.

Applications

Welding fume exhaust
High temperature fume control
Smoke and dust control for manufacturing processes
Ideal for use as flame retardant protective jacket for cables, beverage lines etc.

Product Specifications

Product code: 9SFTPRV_FR
Material: Flame retardant thermoplastic rubber
Standard diameters: 2" to 12"
Weight: 6" = .77 lbs
Standard lengths: 25 ft & 50 ft to 8" diameter, 25 ft - 10" diameter and up.
Compression ratio: 2:1
Temperature range: -40°F (-40°C) to +275°F (+135°C), continuous, 300°F (+149°C) intermittent
Standard color: black with orange wear strip.
*available with and without encapsulated wire



Specification Chart

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

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