

Flame Retardant / INDUSTRIAL DUCT

U-LOK 100

General Service Duct

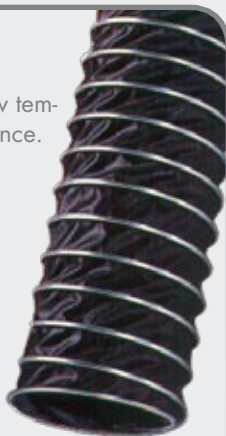
An extremely flexible duct with good low temperature resistance and chemical resistance. Manufactured with UL94V0 materials.

Applications:

Dust control
Air handling
Light material handling
Fume Control

Construction

Product Code: 3UL100X
Material: Polyester fabric, neoprene coated
Construction: Mechanical bond, corrosion resistant helix
Diameters: 2" to 24"
Bend radius: = 1.5 x I.D.
Weight: 6" I.D. = .9 lbs/ft
Standard length: 25ft
Compression ratio: 6:1
Temperature range: -45°F to +250°F
Colour: Black



I.D.	2	3	4	5	6	8	10	12
Working Pressure/PSI	-	3.6	3.2	2.7	2.6	1.8	1.4	1.2
Negative Pressure Inch. H.g	-	2	1.8	1.3	1.2	1.1	0.73	0.6

AF-2

Medium Service Duct

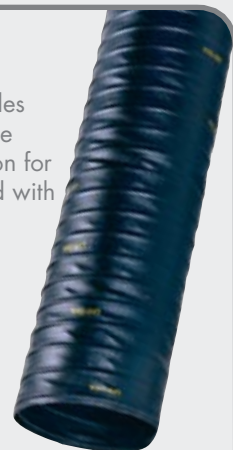
Double ply bonded construction provides enhanced positive pressure performance and durability; bi-directional construction for maximum flow efficiency. Manufactured with UL94V0 approved materials

Applications:

Particle control
Pellet and chip handling
Areas of high vibration
Large volume fume control

Construction

Product Code: 3ULAF2X
Material: Polyester fabric, neoprene coated
Construction: Two ply fabric over fully encapsulated spring steel wire.
Diameters: 1.5" to 24"
Weight: 6" I.D. = .9 lbs/ft
Standard length: 25ft
Compression ratio: 2:1
Temperature range: -40°F to +250°F
Colour: Black



I.D.	2	3	4	5	6	8	10	12
Working Pressure/PSI	33	23	18	14	14	11	10	8
Negative Pressure Inch. H.g	28	27	25	18	14	8	5	3

Flame Retardant TPR Welding Exhaust Duct

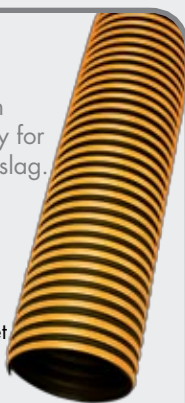
This flame retardant welding fume extraction duct and cable cover is designed specifically for welding environments including sparks and slag.

Applications:

Flexibility allows fit around tight corners and limited spaces
Ideal for dust and fume removal
Manufactured of UL94-V0 approved material
Ideal for use as a flame retardant protective jacket for cable, beverages lines, etc.

Construction

Product Code: 9SFTPRW_FR
Material: Flame retardant thermoplastic rubber
Diameters: 2" to 12"
Weight: 6" I.D. = .77 lbs/ft
Standard length: 25ft and 50ft to 8" diam. - 25ft 10" diameter and up
Compression ratio: 2:1
Temperature range: -40°F to +275°F continuous, +300°F (intermittent)
Colour: Black with orange wear strip
n.b. Available with and without encapsulated wire



I.D.	2	3	4	5	6	8	10	12
Working Pressure/PSI	8.5	7.5	7.3	7.2	7	6.7	5.5	4.7
Negative Pressure Inch. H.g	26	24	20	16	12	5	4.5	4

Other flame resistant products are available. Please see our Industrial Duct brochure or visit our web site at www.novaflex.com

Our patented manufacturing technique, utilizing "mechanical lock construction", produces specialized products not available from other sources. Unlike conventional methods using adhesives, the NovaFlex process requires no curing and is more resistant to temperature and environmental extremes.

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.

Burn Rate / UL94V-0-1, V-2

Underwriters Laboratories 94-V

Test is run with bars one half inch wide and five inches long. These are held vertically and exposed to a laboratory burner flame three quarters of an inch high. Each sample is ignited for ten seconds, the flame allowed to go out, and ignited for a second time of ten seconds. The time taken for the flame to go out is measured and the technician watches for burning char or liquid droplets failing.

To pass UL94V-0 flame must be out in ten seconds or less, no glow beyond thirty seconds, and no burning material can fall.

To pass UL94V-1 flame must be out in thirty seconds or less, no glow beyond sixty seconds, and no burning material can fall.

To pass UL94V-2 flame must be out in thirty seconds or less, no glow beyond sixty seconds, and burning material can fall.

