

ultra high temperature applications.
can be incorporated downstream from the heat and fume source.

U-Lok 2000*

This flexible three ply ceramic V4A/SS reinforced duct is designed for ultra high temperature resistance 3 ply with ceramic textile filler.

Applications

Fume exhaust systems where a negative pressure system is incorporated
Engine testing vehicle maintenance, indoor environment
High temperature fume recovery
Heat shield or compensator
Furnace construction
Iron and steel works

*Air velocity should be less than 50m/sec

Construction

Product code: 3UL2000
Material: Alumina coated, textile glass fabric reinforced with fine V4A wire, coated E-Glass ceramic cloth filler.
Construction: Mechanical bond, steel helix.
Diameters: 4" to 24" I.D.
Weight: 6" I.D. = 2.2 lbs/ft.
Length: 25 ft.
Compression Ratio: 3:1
Temperature range: Working temperature: -200°F (-129°C) to +1500°F (816°C).
(Intermittent to +1832°F (1000°C))
Colour: Metallic Grey

I.D.	4	5	6	8	10	12
Working Pressure/PSI	3.7	3	2.3	1.4	1	.75
Negative Pressure Inch. H.g	2.1	1.6	1.2	.7	.45	.3
Weight per Foot	1.56	2.16	2.4	3.38	4.32	5.04



U-Lok 431

For superior fume control Novaflex offers a range of ultra high performance material. Even the most noxious fumes can be contained to meet today's stringent health and environmental requirements. Novaflex U-Lok 431, FKM coated polyester duct, provides increased strength for hose reel applications and enhanced chemical fume resistance. U-Lok 431 provides good exhaust temperature resistance.

Applications

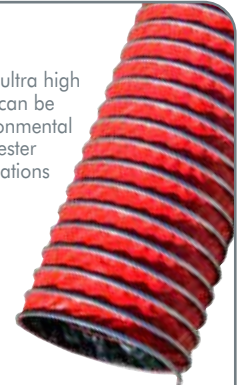
Highly corrosive fumes
Hot exhaust
High temperature where silicone is not permitted
Diesel exhaust extraction where temperature permits.

*Please consult factory for proper duct sizing.

Construction

Product code: 3UL431
Material: Polyester/FKM coated
Construction: Mechanical bond, corrosion resistant helix
Diameters: 3" to 24" I.D. Larger sizes available
Bend Radius: 1.5 x I.D.
Weight: 6" I.D. = .9 lbs/ft
Length: 25 ft.
Compression Ratio: 4:1
Temperature range: Working temperature: -60°F (-51°C) to +400°F (204°C).
(Intermittent to +500°F (260°C))
Colour: Red orange

I.D.	3	4	5	6	8	10	12
Working Pressure/PSI	5	3.7	3	2.3	1.4	1	.75
Negative Pressure Inch. H.g	3.2	2	1.5	1	.75	.4	.25



temperature exhaust ducting for lower velocity applications up to 500°F
constant flexing applications in single and double ply styles.

MBSF - Silicone Fiberglass

2 ply silicone fiberglass exhaust extraction duct.
This premium duct is constructed of 2 ply woven fiberglass coated with silicone rubber. The inner and cover plies are high temperature bonded and wire encapsulated to provide maximum flexibility and serviceability.

Applications

Medium pressure hot air-handling
Handling of combustion by-products
Economical style for stationary or low movement exhaust control

Construction

Product code: 3MBSFX
Material: Silicone coated fiberglass - 2 plies
Construction: Molecular bonded, wire encapsulated
Diameters: 2" to 24" I.D.
Weight: 6" ID = .9 lbs/ft
Length: 24 ft., longer lengths available
Compression Ratio: 2:1
Temperature range: -60°F (-51°C) to +500°F (260°C) (+600°F (315°C) intermittent)
Colour: Orange/Red
*Available with external wearstrip
*Not recommended for hose reels - see MB-SN Silicone Nomex[®] Style

I.D.	2	3	4	5	6	8	10	12
Working Pressure/PSI	24	19	16	14	11	7	5	4
Negative Pressure Inch. H.g	20	14	10	8	6	3	1.5	1
Weight per Foot	.3	.45	.6	.75	.9	1.2	1.5	1.8



Silicone Nomex[®] Duct For use with hose reels

2 ply silicone nomex exhaust extraction duct offers the added strength and durability required to sustain constant flexing or use on hose reels.

Applications

High temperature air movement
Exhaust hose reels
Garage fume control involving constant flexing

Construction

Product code: MBSNR
Material: 1 ply silicone coated fiberglass, 1 ply Nomex
Construction: molecular, bonded wire encapsulated
Diameters: 2" to 24" I.D.
Weight: 6" ID = .9 lbs/ft
Lengths: 12 to 24 ft., longer lengths available
Compression Ratio: 2:1
Temperature range: -60°F (-51°C) to +500°F (260°C) (+600°F (315°C) intermittent)
Note: all silicone ducts are available with 1 or 2 ply with or without external wearstrip.
Colour: Orange/Red
*Nomex is a registered trademark of the E.I. DuPont Company

I.D.	2	3	4	5	6	8	10	12
Working Pressure/PSI	50	45	40	35	30	15	8	4
Negative Pressure Inch. H.g	20	14	10	8	6	6	4	4
Weight per Foot	.3	.45	.6	.75	.9	1.2	1.5	1.8

