

# High Temperature Duct

## U-Lok 1000\*

A highly flexible duct made of a fine wire reinforced (E Glass ceramic cloth) that is chemically treated and coated. Ideal for higher temperature fume recovery.

**Uses:**\* High temperature fume recovery; scuff resistant; flame resistant; air velocity should be less than 50m/sec.

*\*not recommended for diesel applications*

### Specifications

**Material:** Alumina coated, textile glass fabric reinforced with a fine V4A wire

**Construction:** Mechanical bond, galvanized steel helix (also available in stainless steel helix)

**Size:** 3" to 24" I.D. Larger sizes available,

**Standard length:** 25 ft. **Weight:** 6" I.D. =1.01 lbs/ft

**Temperature range:** -200°F to +1000°F (intermittent)

**Compression ratio:** 3": 4"= 4:1

**Color:** Metallic Grey



## U-Lok 1500\*

A more robust, two ply high temperature service duct. Two plies high temperature resistant coated fabric offers longer service life.

**Uses:**\* Hot air extraction; heat shield or compensator; furnace construction; iron and steel works

*\*air velocity should be less than 50m/sec.*

### Specifications

**Material:** Alumina coated, textile glass fabric reinforced with fine V4A wire

**Construction:** Mechanical bond, galvanized steel helix

**Size:** 4" to 24" I.D. Larger sizes available

**Standard length:** 25ft. **Weight:** 6" I.D. =2.01 lbs/ft.

**Temperature range:** -200°F to +1500°F Intermittent

**Compression ratio:** 4:1

**Color:** Grey



## 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.

**Uses:**\* Fume exhaust systems when a negative pressure system is incorporated. Engine testing vehicle maintenance, indoor environment, high temperature fume recovery, heat shield compensator, furnace construction, iron and steel works

*\*air velocity should be less than 50m/sec.*

### Specifications

**Material:** Alumina coated, textile glass fabric reinforced with fine

V4A wire, coated E-Glass ceramic cloth filler

**Construction:** Mechanical bond, steel helix

**Size:** 4" to 24" I.D. Larger sizes available

**Standard length:** 25ft. **Weight:** 6" I.D. =2.2 lbs/ft.

**Temperature range:** Working temperature: -200°F to 1500°F (intermittent to 1832°F)

**Compression ratio:** 3:1

**Colour:** Metallic Grey



The life of all fabric ducts can be greatly extended when sized correctly according to equipment exhaust requirements. When exhaust fume leakage is of a concern a negative pressure fan system should be incorporated. Please consult a Novaflex factory salesperson for correct sizing for diesel, caustic or high velocity exhaust applications. This will aid in reducing exhaust temperatures and static pressures. Diesel exhaust particulate can cause abrasion in exhaust applications. The amount of particulate expelled in diesel exhaust can effect the useful service life. Where exhaust fume leakage is of concern a negative pressure fan system should be incorporated.