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Tuftex®

The Tuftex line of ducting is one of a kind in the industry that borders on a general purpose industrial hose. The line provides an integrally vulcanized rubber liner and cover with external corrugation that enhances its flexibility while maintaining a smooth bore (Tuftex LSH-CB has a corrugated liner and cover for maximum flexibility). This line is designed for gravity or positive and negative pressure applications in bulk material handling applications.

Tuftex Type CD – This flexible, long service hose is designed to handle lightweight abrasive materials. It can be used for the transmission of liquids, grindings and contaminated air. Its construction consists of a single ply neoprene coated fabric cover, a .032" abrasion resistant rubber liner, and a spring steel wire helix.



Type CD

Hose Inside Diameter (inches)	2	3	4	5	6	7	8	10	12
Weight (lbs./ft.)	.15	.30	.42	.80	1.0	1.25	1.4	1.8	2.5
Inside Bend Radius (inches)	1.25	1.50	1.50	1.75	2.0	2.5	4.0	6.0	9.0
Length Required for 180° Bend (inches)	10	13	17	19	21	29	33	44	50
Minimum Burst Pressure (psig)	30	28	26	23	20	18	16	14	12
Internal Working Pressure (psig)	10	9	8	7	6.5	6	5	4.5	4
Maximum Leakage (cfm/ft. at working pressure)	.020	.025	.030	.035	.040	.045	.050	.055	.060
Crush Resistance (lbs./ft.)	275	265	245	365	285	255	232	255	240
Axial Tensile Strength (lbs.)	287	527	703	879	1055	1231	1407	1759	2111
Negative Pressure Req. to Collapse (in. hg.)	27	27	23	22	20	18	14	9	2
Operating Temperature Range	-40°F to +250°F								

* Tuftex Type CD is normally available in 20 foot lengths, however this product can be ordered in a range of diameter sizes and lengths.

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Tuftex MH1; MH2; and MH3 – This material handling hose is designed for gravity or positive and negative pressure applications in bulk material handling. All types are constructed with excellent abrasive resistant materials. Three types of MH hose are available which lets you select the one that best fits your application.

Construction Type MH (Material Handling)

MH Type 1

- A. Spring steel wire helix support.
- B. Single-ply synthetic fabric reinforcement.
- C. Abrasive-resistant rubber tube .062 inch thick.
- D. Abrasive-resistant rubber cover.

MH Type 2

- A. Spring steel wire helix support.
- B. Single-ply synthetic fabric reinforcement.
- C. Abrasive-resistant rubber tube .125 inch thick.
- D. Thick abrasive-resistant rubber cover.

MH Type 3

- A. Spring steel wire helix support.
- B. Double-ply synthetic fabric reinforcement.
- C. Abrasive-resistant rubber tube .250 inch thick.
- D. Thick abrasive-resistant rubber cover.

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Tuftex Type LSH-CB (Leaf Suction Hose) – This corrugated bore hose is produced using weather resistant and excellent abrasive resistant rubber compounds which provide unequalled flexibility, ease of handling and long trouble-free service life for a material handling hose.

Construction:

- A. Abrasive resistant rubber liner.
- B. Double-ply synthetic fabric reinforcement.
- C. Abrasive resistant rubber cover.
- D. Spring steel wire helix support.



Inside Diameter (inches)	6	8	10	12	14	16
Approx. Weight (lbs./ft.)	3.6	4.2	6	8	10	12
Length Required for 90° Bend (inches)	16	18	22	27	31	39
Axial Tensile Strength	1000+ pounds					
Temperature Range	-40°F to +250°F					
Negative Pressure to Collapse (inches hg.)	27	27	27	27	20	17

* Tuftex Type LSH-CB is normally available in 20 foot lengths, however this product can be ordered in a range of diameter sizes and lengths.

* Contact Customer Service for complete details.

Cyclone®

The Cyclone line of ducting provides excellent service in applications requiring the conveying of large volumes of air and fume control. It's excellent for portable blower applications, temporary ship construction ventilation, welding fume removal, utility manhole ventilation, portable heaters, and mobile vehicle air conditioning and heating units.

Cyclone Type UB – This flexible ducting with its exceptional compressibility (approx. 8 to 1) permits ease of storage and handling. It maintains a smooth bore when operating at working pressure. To protect the ducting when being dragged over rough surfaces, a scuff strip is included for added durability.

Type UB Construction:

- A. Galvanized spring steel wire helix, fully enclosed.
- B. Single ply vinyl coated polyester fabric.
- C. Thermoplastic scuff strip.
- D. Nylon thread stitching.

Type UB Technical Data:

Inside Diameter (inches): 5 to 30
 Larger diameters available upon request.

Operating Temp Range: -40°F to +250°F

Standard Lengths: 10, 15 and 25 ft.
 Longer lengths available.

Color: Yellow with black helical wear strip.

