

## 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.

**Tuftex Type KD** – Lightweight and flexible, this ducting features a neoprene liner that resists oils and chemicals. Features include a single ply neoprene coated fabric cover, a .032" neoprene rubber liner, and a spring steel wire helix.

### Type KD

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 KD 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.