

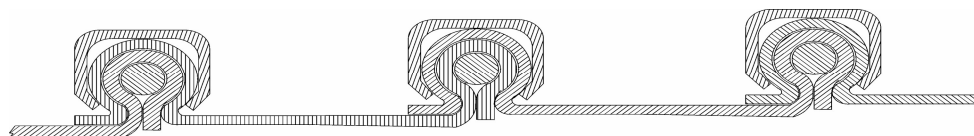


## ENGINEERING AND TECHNICAL DATA

Flex-Lok® TF

July 2007

**Construction:** Single-ply Teflon® coated fiberglass fabric hose mechanically crimped in a continuous process



### **Product Features:**

- " Fabric is locked around a coated steel wire by a metal strip formed into a clip
- " Metal strip acts as a wearstrip
- " Outstanding resistance to external abrasion
- " Extremely flexible
- " Ideal for venting many of today's harsh chemicals
- " Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose

**Applications:** Recommended for fume control applications.

**Temperature Range:** -65°F to 500°F

**Diameter Range (Inches I.D.):** 3.00-18.00 Inch I.D.

**Standard Length:** 25 Feet

**I.D. Tolerances (Inches):** -0.00 to +0.125 Inch

**Standard Color:** Silver

**End Finish:** Plain Cut

**Markets:** "Chemical Plants "Fume Exhaust "High Temperature Applications "Pharmaceutical  
"Pollution Control



A **SCHAUBURG** HOSE TECHNOLOGY COMPANY

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SIZE INSIDE DIMENSION (INCHES)	APPROXIMATE WEIGHT (LBS./FT.)	MINIMUM CENTERLINE BEND RADIUS (INCHES)	COMPRESSION RATIO	MAXIMUM RECOMMENDED NEGATIVE PRESSURE (IN./HG.)	MAXIMUM RECOMMENDED POSITIVE PRESSURE (PSI)
3	.46	2.5	6:1	4.1	11.11
4	.66	3	6:1	3.2	5.86
5	.75	3.5	6:1	3	4.7
6	.8	4	6:1	2.8	3.93
7	.9	5	6:1	2.7	3.8
8	1	5.5	8:1	2.5	3.67
9	1.1	6.3	8:1	2.3	3.2
10	1.3	7	8:1	2	2.94
12	1.4	8.5	8:1	1.5	2.46

Note: Technical data based on 2 ft. straight lengths of hose @ 72° F.

Disclaimer: The proper use and maintenance of hose and/or duct manufactured by Flexaust is the sole responsibility of the purchaser and ultimate user of the product. This information is presented as a general guide only. The number of variables which can be present in any application make firm recommendations impossible. Adequate testing under actual service conditions is necessary to properly establish suitability. We take pride in the quality of all Flexaust products and we welcome comments and suggestions from our customers.



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