

**F-FLEX**

**CONSTRUCTION OF HOSE**

SMOOTH PTFE LINER – INNER LAYER

- Polytetrafluoroethylene – PTFE Liner
- Non-absorbent non-stick surface
- Will not impart taste or odor
- Non-Contaminating
- Easy to clean
- Non-aging: no deterioration over time
- Chemical resistance allows for the handling of various fluids
- Reduces entrapment issues
- Reduces build-up of deposits
- Low friction

FIBERGLASS BRAID – OUTER LAYER

- Non-Metallic braid
- Increased Insulation



**APPROVALS**

Meets or exceeds the following standards:

- USP Class VI
- FDA 21 CFR177.1550
- USDA
- 3A Sanitary Standards
- NSF 51

**SAMPLE APPLICATIONS**

- |                      |                      |
|----------------------|----------------------|
| • Load Cell          | • Sanitary Transfer  |
| • Bulk Transfer      | • Oil Supply Lines   |
| • CIP / SIP Systems  | • Sampling Systems   |
| • Filling Equipment  | • Paint Sprays       |
| • Steam Transfer     | • Feed Lines         |
| • Fermentation Lines | • Acid Transfer      |
| • Process Lines      | • Solvent Transfer   |
|                      | • Mold Press         |
|                      | • Adhesive Conveying |

**HOSE FITTINGS**

- Tubing and connections have identical dimension match
- Hose fittings are 316 stainless steel
- Crimp collars are 304 stainless steel
- Custom hose fittings are available
- Other materials available: hastelloy, inconel, and brass
- Jump size hose fittings are available, which decreases potential leak points
- Electro-Polished fittings available
- Cleaning for oxygen service and other cleaning specs

**BENEFITS**

- Temperature range from -100°F up to 450°F
- True inner diameter or I.D.
- Full vacuum rated
- Easily drains
- PTFE hose is highly flexible
- Can be sterilized and autoclaved
- Thick or heavy-wall core PTFE hose design

**THE FLEXFIT HOSE DIFFERENCE!**

- 100% Hydrostatically tested
- Cleaned, capped, & individually bagged
- Material & test reports with every order
- All products are labeled for trace-ability
- Commitment to customer service excellence

Name	Working Pressure	Burst Pressure	Hose I.D. (Inches)	Hose O.D. (Inches)	Bend Radius (Inches)	Weight (LBS)
F-FLEX-04	800 PSI	3,200 PSI	0.250 IN	0.415 IN	2.75 IN	0.07 LBS/FT
F-FLEX-06	800 PSI	2,600 PSI	0.375 IN	0.550 IN	3.25 IN	0.10 LBS/FT
F-FLEX-08	450 PSI	1,800 PSI	0.500 IN	0.710 IN <td 5.25 IN	0.13 LBS/FT	
F-FLEX-12	325 PSI	1,300 PSI	0.750 IN	0.945 IN	6.50 IN	0.20 LBS/FT

**Note: All hoses shown are also offered with conductive core (FFB)**

**Part Numbering**

Hose Size	Hose Style	Fitting Style	Options	Length
04 (1/4")	FF/FFB	02 Female JIC	AG - Armor Guard	X"
06 (3/8")	FF/FFB	03 Male Pipe NPT	EP - Electro Polished	
08 (1/2")	FF/FFB	06 Female Pipe NPT	FS - Fire Sleeve	
12 (3/4")	FF/FFB	07 Female NPT Union	FT - Flex Tag	
16 (1")	FF/FFB	08 Male NPT Union	MT - Mylar Tag	
	FF/FFB	10 Sanitary Tri-Clover	OC - Oxygen Cleaned	
		11 Mini Sanitary Tri-Clover	SG - Spiral Guard	
		12 Flange #150 or #300	SPG - Spring Guard	
		31 Male Compression		
		32 Tube Adaptor		
		34 Female Face Seal		

**Example of Part Number: 04FF0332MT-12"**

04	FF	03	32	MT	-12"
<b>Hose Size</b>	<b>Hose Style</b>	<b>Hose Fitting 1</b>	<b>Hose Fitting 2</b>	<b>Option</b>	<b>Length</b>

