



# FlexFit B-Flex Smooth Bore PTFE Hose

Flexible Teflon® Hose



**QUALITY PRODUCTS DELIVERED FASTER.**



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## FlexFit B-FLEX Smooth Bore PTFE Hose

### Flexible Teflon® Hose



#### Features and Benefits

- 100°F(-73°C) to 500°F(260°C)
- True I.D Size
- Easily Drains
- Flexible
- Can be Sterilized and autoclaved
- High Pressure rated
- Full Vacuum Rated
- Thick Inner Core design

#### Applications

- Paint Sprays
- Steam Transfers
- Oil Supply Lines
- Filling Equipments
- Sanitary Transfers
- Mold Press
- Adhesive Conveying

#### Hose Identification

##### FLEX-TAGS or M-Tags

- Customize Up to 5 Lines of Text
- Color Coded
- Easy to Read
- No Product Contact

#### Construction of Hose

##### Smooth Tube PTFE (Inner Core)

- PTFE Teflon® (Dupont T-62)
- Non-Contaminating
- Easy to clean
- Non-aging & Non-stick surface
- Chemically Resistant, Handles variety of fluids
- Non-absorbent/ will not impart taste or odor
- High/Low Pressure Rated
- No deterioration over time.
- Smooth Liner- No entrapment issues, reduces build-up of deposits.
- Low friction

##### Stainless Steel Braid (Outer Layer)

- 304 Stainless Steel Braid
- Increases the Bending capability of hose
- Protects Inner-core from being damaged
- Adds Strength to hose
- Makes it easy for fitting attachments
- Unique braid reinforcement allows hose to maintain its shape and support once positioned

#### Connections

- Internally Chamfered- Allows a smooth transition between hose and fitting
- Part Numbers stamped on each connection
- Heat Number stamped on each connection
- Made with 316 or 316L Stainless Steel
- Electro-polished Connections Available
- Crimp Ferrules made with 316 Stainless Steel
- Tubing and Connection has identical dimension match.

#### FlexFit B-Flex Hose

The I.D (Inner Diameter) of our hose has a true I.D. This means that when you buy a 1/2" Hose, the I.D. of that Hose is 1/2".

- This allows the hose to have a better flow rate.
- Fittings can be machined to dimensionally match mating connections.
- Full Range of Connections are available for B-Flex Hoses
- Minimize use of adapters to decrease leak points, minimize number of connects and overall reduce cost.
- 4 to 1 safety Factor.



## B-Flex Hose Specifications

Name	Working Pressure	Burst Pressure	Hose I.D. (Inches)	Hose O.D. (Inches)	Bend Radius (Inches)	Weight
B-Flex-02	3,500 PSI	15,000 PSI	.13 IN	.25 IN	1.5 IN	0.05 LBS/FT
B-Flex-04	3,200 PSI	12,800 PSI	.25 IN	.41 IN	1.5 IN	0.10 LBS/FT
B-Flex-06	2,500 PSI	10,000 PSI	.38 IN	.53 IN	2.0 IN	0.12 LBS/FT
B-Flex-08	2,000 PSI	8,000 PSI	.50 IN	.67 IN	3.0 IN	0.16 LBS/FT

### Part Numbering System

Example: ½" B-Flex Hose with tube stub X Male NPT. Overall Length is 24 Inches.

08 BF 32 03 -24

Hose Size (I.D.)	Hose Style	Fitting Style (Select Connections For each End)	Tagging/ Electropolishing	-Length
02 (1/8")	BF	02 JIC Female	<b>FT-</b> Flex Tag <b>MT-</b> M-Tag <b>EP-</b> Electropolished	
04 (1/4")	BF	03 Male Pipe, NPT		
06 (3/8")	BF	06 Female Pipe, NPT		
08 (1/2")	BF	07 Female Union, NPT		
		08 Male Union, NPT		
		10 Sanitary Tri-Clamp		
		11 Mini Sanitary Tri-Clamp		
		32 Tube Adaptor		

# FlexFit

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**BF0109**

FlexFit Hose LLC provides a 12-month warranty on material defects and workmanship for this product. Our obligation is to replace the defective portion or refund the purchase price. User assumes all other risk if any, including risk of injury, loss or damage arising of use, misuse, or inability to use this product.