

**G-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 REINFORCED STAINLESS STEEL BRAID – OUTER LAYER

- Constructed of 304 braided stainless steel over a layer of **fiberglass braid**
- Strengthens the PTFE hose core
- Increases the bending capability of hose
- Protects the PTFE hose core from damage
- Unique braid reinforcement allows hose to maintain its shape



**APPROVALS**

Meets or exceeds the following standards:

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

**SAMPLE APPLICATIONS**

- Load Cell
- Bulk Transfer
- CIP / SIP Systems
- Filling Equipment
- Steam Transfer
- Fermentation Lines
- Process Lines
- Sanitary Transfer
- Oil Supply Lines
- Sampling Systems
- Paint Sprays
- Feed Lines
- Acid Transfer
- 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**

- Increased Flexibility than Standard PTFE Smoothbore hoses
- 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

**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)
G-FLEX-04	3,500 PSI	14,000 PSI	0.250 IN	0.460 IN	1.250 IN	0.12 LBS/FT
G-FLEX-06	3,000 PSI	12,000 PSI	0.375 IN	0.570 IN	1.750 IN	0.16 LBS/FT
G-FLEX-08	1,800 PSI	7,200 PSI	0.500 IN	0.760 IN	2.500 IN	0.24 LBS/FT
G-FLEX-12	1,250 PSI	5,000 PSI	0.750 IN	1.000 IN	3.500 IN	0.36 LBS/FT
G FLEX-16*	1,000 PSI	4,000 PSI	1.000 IN	1.340 IN	10.000 IN	0.51 LBS/FT

\* RG-FLEX-16 is double braided with no fiber braid.

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

**Part Numbering**

Hose Size	Hose Style	Fitting Style	Options	Length
02 (1/8")	GF/GFB	02 Female JIC	AG - Armor Guard	X"
04 (1/4")	GF/GFB	03 Male Pipe NPT	EP - Electro Polished	
06 (3/8")	GF/GFB	06 Female Pipe NPT	FS - Fire Sleeve	
08 (1/2")	GF/GFB	07 Female NPT Union	FT - Flex Tag	
12 (3/4")	GF/GFB	08 Male NPT Union	MT - Mylar Tag	
16 (1")	GF/GFB	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: 04RG0332MT-12"

04	GF	03	32	MT	-12"
Hose Size	Hose Style	Hose Fitting 1	Hose Fitting 2	Option	Length

