

CONSTRUCTION OF HOSE

CONVOLUTED 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 & build-up of deposits
- Low friction
- Increased flexibility with convoluted liner

STAINLESS STEEL BRAID – OUTER LAYER

- Constructed of 304 braided stainless steel
- 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

Complies with following standards:

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

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

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 Spray
- Feed Lines
- Acid Transfer
- Solvent Transfer
- Mold Press
- Adhesive Conveying

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

BENEFITS

- Temperature range from -100°F up to 450°F
- True inner diameter or I.D.
- Vacuum rated
- Convoluted PTFE is highly flexible in larger sizes where smoothbore cannot be used
- Can be sterilized and autoclaved
- Drainable helical PTFE core design

Name	Working Pressure	Burst Pressure	Hose I.D. (Inches)	Hose O.D. (Inches)	Bend Radius (Inches)	Weight (LBS)
C-FLEX-08	1,500 PSI	6,000 PSI	0.50 IN	0.76 IN	2.5 IN	0.19 LBS/FT
C-FLEX-12	1,100 PSI	4,400 PSI	0.75 IN	1.00 IN	3.0 IN	0.27 LBS/FT
C-FLEX-16	1,000 PSI	4,000 PSI	1.00 IN	1.32 IN	5.5 IN	0.39 LBS/FT
C-FLEX-24	700 PSI	2,800 PSI	1.50 IN	2.03 IN	6.0 IN	0.75 LBS/FT
C-FLEX-32	525 PSI	2,100 PSI	2.00 IN	2.46 IN	7.5 IN	0.89 LBS/FT

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

Part Numbering

Hose Size	Hose Style	Fittings Style	Options	Length
08 (1/2")	CF/CFB	02 Female JIC	AG - Armor Guard	X"
12 (3/4")	CF/CFB	03 Male Pipe NPT	EP - Electro Polished	
16 (1")	CF/CFB	06 Female Pipe NPT	FS - Fire Sleeve	
24 (1.5")	CF/CFB	07 Female NPT Union	FT - Flex Tag	
32 (2")	CF/CFB	08 Male NPT Union	MT - Mylar Tag	
		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: 12CF0212#150MT-240"

12	CF	02	12	MT	-240"
Hose Size	Hose Style	Hose Fitting 1	Hose Fitting 2	Option	Length

