

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 & build-up of deposits
- Low friction

STAINLESS STEEL BRAID

- 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

EXTRUDED SILICONE JACKET – OUTER LAYER

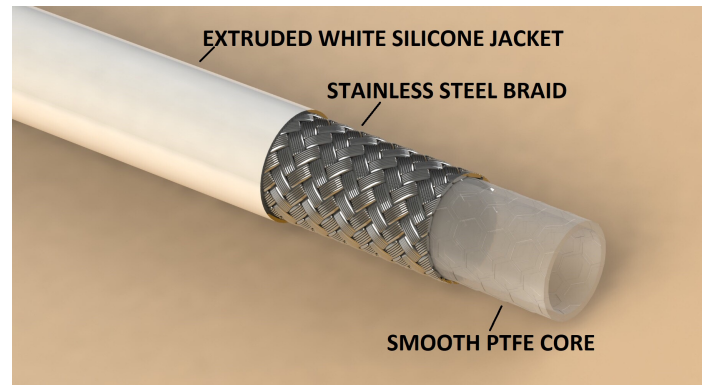
- Rated for high temperature
- Smooth, cleanable, non-contaminating surface
- Compatible with a wide variety of chemicals
- Extra protection from hot and cold media transfers through PTFE hose

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

THE FLEXFIT HOSE DIFFERENCE!

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



APPROVALS

Complies with following standards:

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

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

BENEFITS

- Temperature range from -100°F 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

Name	Working Pressure	Burst Pressure	Hose I.D. (Inches)	Hose O.D. (Inches)	Bend Radius (Inches)	Weight (LBS)
ST-FLEX-02	3,500 PSI	15,000 PSI	0.125 IN	0.43 IN	1.5 IN	0.11 LBS/FT
ST-FLEX-04	3,250 PSI	13,000 PSI	0.25 IN	0.50 IN	1.5 IN	0.13 LBS/FT
ST-FLEX-06	2,500 PSI	10,000 PSI	0.375 IN	0.65 IN	2.0 IN	0.15 LBS/FT
ST-FLEX-08	2,000 PSI	8,000 PSI	0.50 IN	0.81 IN	3.0 IN	0.18 LBS/FT
ST-FLEX-12	1,000 PSI	4,500 PSI	0.75 IN	1.02 IN	8.2 IN	0.35 LBS/FT
ST-FLEX-16	1,000 PSI	4,000 PSI	1.00 IN	1.36 IN	12.0 IN	0.68 LBS/FT

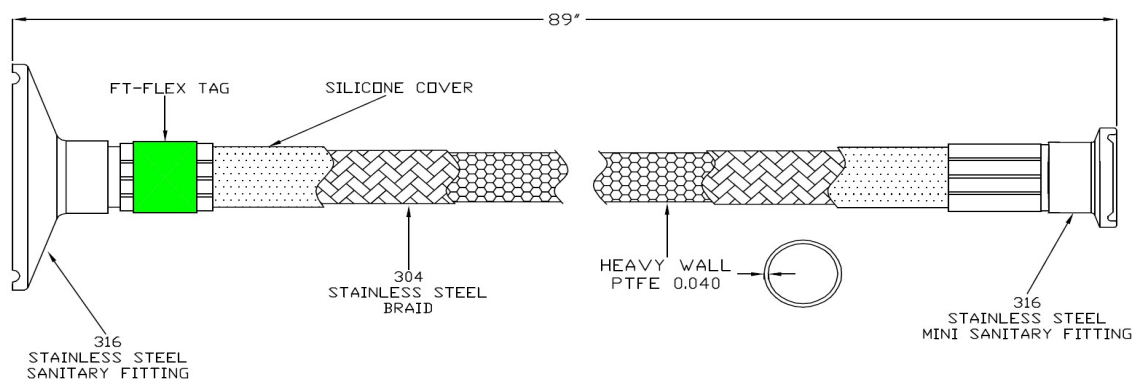
Note: All hoses shown are also offered with conductive core (STB)
Note: ST-FLEX-16 has a blown on cover and not extruded.

Part Numbering

Hose Size	Hose Style	Fitting Style	Options	Length
02 (1/8")	ST/STB	02 Female JIC	AG - Armor Guard	X"
04 (1/4")	ST/STB	03 Male Pipe NPT	EP - Electro Polished	
06 (3/8")	ST/STB	06 Female Pipe NPT	FS - Fire Sleeve	
08 (1/2")	ST/STB	07 Female NPT Union	FT - Flex Tag	
12 (3/4")	ST/STB	08 Male NPT Union	MT - Mylar Tag	
16 (1")	ST/STB	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: 04ST1011FT-89"

04	ST	10	11	FT	-89"
Hose Size	Hose Style	Hose Fitting 1	Hose Fitting 2	Option	Length



Warranty Information:

FlexFit Hose LLC provides a 12-month warranty from purchase date 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.