

MODEL FT TUBE-N-TUBE ARMORED FLOW INDICATORS (PATENTED)

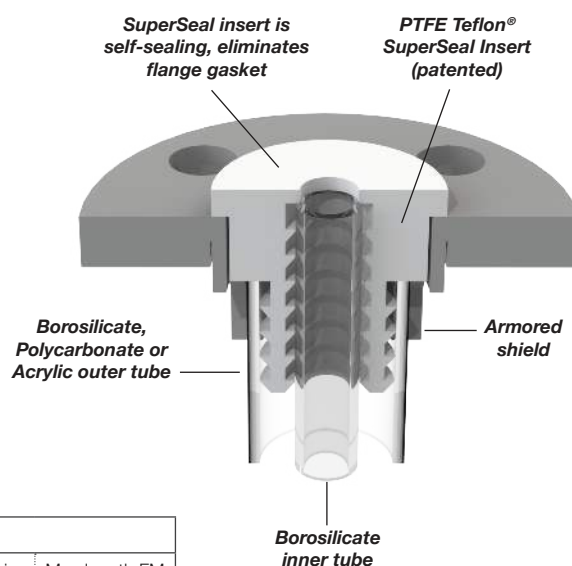


- Approved by the Factory Mutual System (150°F max)
(Max length for FM approved models per specifications below)
- Unobstructed visibility
- Patented one-piece SuperSeal inserts are self-sealing
- Wetted parts are PTFE Teflon® and borosilicate glass
- Available with sanitary fittings
- Reducing flanges and threaded end connections available
- Designed for cryogenic and hot process applications
- Design is double sealed and insulated
- Rated for full vacuum service
- Custom designs available; consult factory
- Optional 316 SS construction
- ANSI Class 300 lb flanges available



Standard Construction

- Borosilicate inner tube
- Polycarbonate, acrylic, or borosilicate outer tube
- PTFE Teflon® SuperSeal inserts
- Carbon steel shield and flanges, epoxy coated
- ANSI Class 150 lb flanges

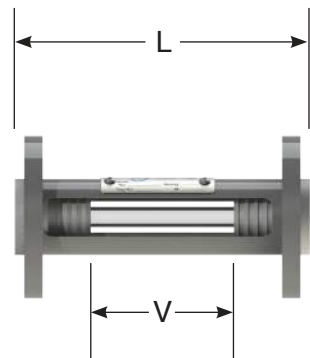


Model FT Specifications Gauge

Inner tube material	Inner tube size, in.	Outer tube material	Outer tube size, in.	Gauge rating, psig	Flange size, in. ANSI150	Max length FM approved, in.
HP	1.00	OG	2.00	150	1.50	48"
PI	1.00	LX	2.25	150	1.50	48"
PI	1.50	LX	2.75	135	2.00	48"
PI	1.50	OG	2.75	135	2.00	48"
HW	1.50	LX	2.75	285 ¹	2.00	48"
HW	1.50	OG	2.75	285 ¹	2.00	48"
PI	2.00	LX	4.00	115	3.00	48"
PI	2.00	OG	4.00	115	3.00	48"
HW	2.00	LX	4.00	285 ¹	3.00	48"
HW	2.00	OG	4.00	285 ¹	3.00	48"
PI	3.00	OG	5.00	95	4.00	48"
HW	3.00	AC	5.00	200	4.00	48"
HW	3.00	OG	5.00	200	4.00	48"
HW	4.00	AC	7.00	100	6.00	12"
PI	6.00	AC	9.00	60	8.00	48"

PI = Standard Borosilicate HW = Heavywall Borosilicate LX = Outer Polycarbonate
OG = Outer Borosilicate AC = Outer Acrylic
Note: (1) Actual flange pressure rating may be less based on material selected.

MODEL FT TUBE-N-TUBE ARMORED FLOW INDICATORS
SPECIFICATIONS FOR ORDERING



GAUGE PART NUMBERS

Use the spaces below to generate the model number for your indicators. Codes for materials and diameters are from the chart below right.

Overall length (L) inches	Indicator model	Inner tube material	Inner tube size	Flange/shield material	Flange size	Outer tube material	Outer tube size
	FT						
☐ PTFE Teflon® lined reducing flanges: size _____ x _____				☐ Illuminator			

Example Part Number: 18-FT-HW20-S630-OG30

18	18 inches overall length
FT	Tube-N-Tube Armored Flow Indicator
HW	Heavywall borosilicate inner tube
20	2.0-inch inner tube size
S6	316 SS shield and flanges
30	3.0-inch, 150 lb flanges
OG	Outer borosilicate tube
30	3.0-inch outer tube size

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Codes for Part Numbers

Inner Tube Material		Code	Size	Code
Borosilicate pipe		PI	1.00	10
Heavywall Borosilicate		HW	1.50	15
High Pressure		HP	2.00	20
			2.25	22
			2.75	27
Outer Tube Material		Code		
Acrylic		AC	3.00	30
Borosilicate		OG	4.00	40
Polycarbonate		LX	6.00	60
			7.00	70
			9.00	90
Flange/Shield Material		Code		
Carbon Steel		CS		
316 SS		S6		