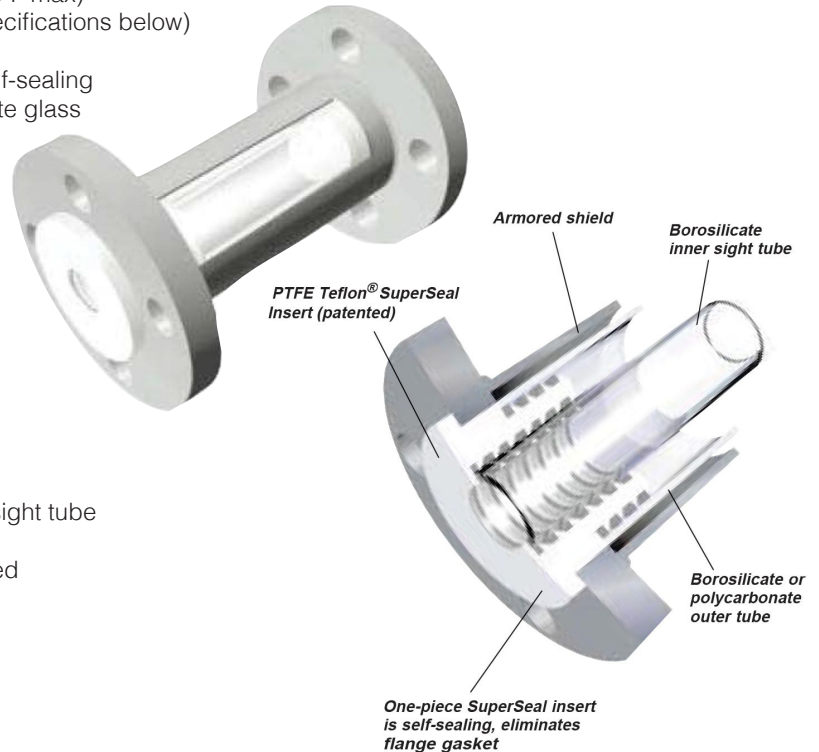


MODEL FT TUBE-N-TUBE ARMORED FLOW INDICATORS (PATENTED)



- 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

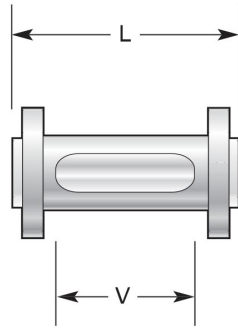
- Borosilicate inner sight tube
- Polycarbonate, acrylic, or borosilicate outer sight tube
- PTFE Teflon® SuperSeal inserts
- Carbon steel shield and flanges, epoxy coated
- ANSI Class 150 lb flanges

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

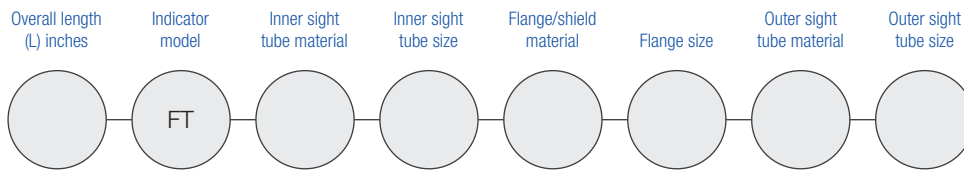
MODEL FT TUBE-N-TUBE ARMORED FLOW INDICATORS SPECIFICATIONS FOR ORDERING



Note: Visual length (V) is 4 inches less than overall length (L).

GAUGE AND CONNECTOR 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.



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 sight tube
20	2.0-inch inner sight tube size
S6	316 SS shield and flanges
30	3.0-inch, 150 lb flanges
OG	Outer borosilicate sight tube
30	3.0-inch outer sight tube size

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Codes for Part Numbers

Sight 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
Outer tube material	Code	2.75	27
Acrylic	AC	3.00	30
Borosilicate	OG	4.00	40
Polycarbonate	LX	6.00	60
		7.00	70
Flange/Shield Material	Code	9.00	90
Carbon Steel	CS		
316 SS	S6		