

# Model UFSS Single-Tube Armored Flow Indicators



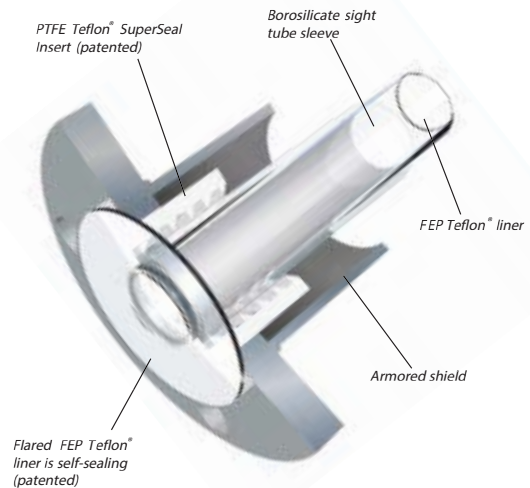
FEP Teflon® Lined (patented)

- Approved by the Factory Mutual System (150° F max)
- Available in any length up to 72 inches  
(Max length for FM approved models per specifications below)
- Stock lengths are 8 and 12 inches
- Unobstructed visibility
- Patented one-piece SuperSeal inserts are self-sealing
- Wetted part is one-piece FEP Teflon®, flared over SuperSeal insert
- Available with sanitary fittings
- Threaded end connections are available
- Design is double sealed
- Excellent for corrosive, viscous, or sanitary service
- Sight tube sleeve can be calibrated directly
- Custom designs available; consult factory
- Optional 304 or 316 SS construction
- ANSI Class 300 lb flanges available



## Standard Construction

- FEP Teflon® inner sight tube, one piece
- PTFE Teflon® SuperSeal inserts
- Borosilicate sight tube sleeve
- Carbon steel shield and flanges, epoxy coated
- ANSI Class 150 lb flanges



## Model UFSS Specifications

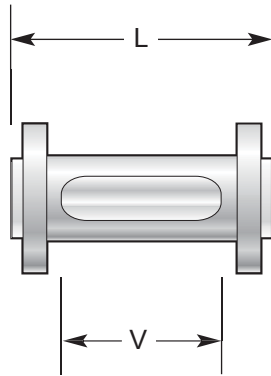
Indicator size, in.	Sight tube material	Sleeve tube size, in.	Sleeve tubing	Indicator rating, psig	Flange size, in. ANSI 150	Max length FM approved, in.
1.00	FP	1.00	PI	150	1.00	48
1.25	FP	1.50	HW	285(1)	1.50	60
1.50	FP	1.50	PI	135	1.50	48
1.65	FP	2.00	HW	285(1)	2.00	60
2.00	FP	2.00	PI	115	2.00	48
2.75	FP	3.00	HW	200	3.00	48
3.00	FP	3.00	PI	95	3.00	48
4.00	FP	4.00	HW	100	4.00	48
4.00	FP	4.00	PI	85	4.00	48
6.00	FP	6.00	PI	60	6.00	48
8.00	FP	8.00	PI	40	8.00	48

FP = FEP Teflon® PI = Standard Borosilicate HW = Heavywall Borosilicate  
 Note: (1) Actual flange pressure rating may be less based on material selected.



# Model UFSS Single-Tube Armored Flow Indicator - Teflon® Lined

## Specifications for Ordering



Note: Visual length (V) is 3 inches less than overall length (L).

### Indicator Part Number

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	Sight tube material	Sight tube size	Flange/shield material	Flange size	Sleeve material	Sleeve size
	UFSS	FP					

Illuminator

#### Example Part No: 12-UFSS-FP10-CS10-PI10

12	12 inches overall length
UFSS	Single Tube Armored Flow Indicator, Teflon® Lined
FP	FEP Teflon® sight tube
10	1.0-inch sight tube size
CS	Carbon steel shield and flanges
10	1.0-inch, 150-lb flanges
PI	Borosilicate sight tube sleeve
10	1.0-inch sight tube sleeve size

#### Codes for Part Numbers

Sight Tube Material	Code	Size, in.	Code
FEP Teflon®	FP	1.00	10
		1.25	12
<b>Sleeve Tube Material</b>		1.50	15
Borosilicate Pipe	PI	1.63	16
Heavywall Borosilicate	HW	2.00	20
		2.75	27
<b>Flange/Shield Material</b>		3.00	30
Carbon Steel	CS	4.00	40
316 SS	S6	6.00	60
304 SS	S4	8.00	80



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