

MODEL LAT TUBE-N-TUBE LANTERN

FLOW INDICATORS (PATENTED)

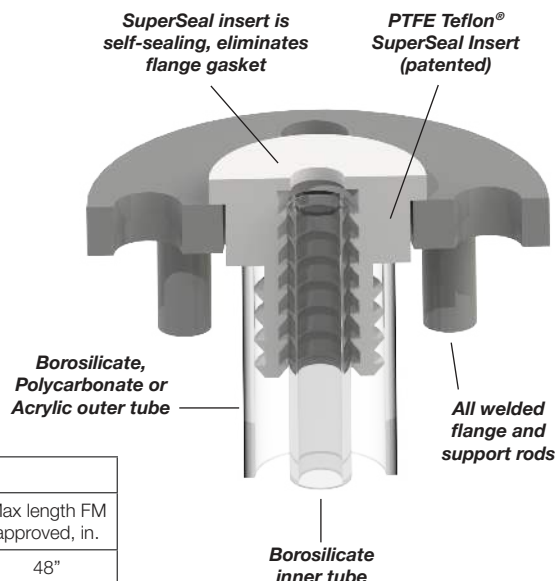


- Approved by the Factory Mutual System (150° F max)
- (Max length for FM approved models per specifications below.)
- Full 360° unobstructed visibility
- All-welded construction - flanges and support rods
- Patented one-piece SuperSeal inserts are self-sealing
- Wetted parts are PTFE Teflon® and borosilicate glass
- Available with sanitary fittings
- Reducing flanges and threaded end connections are available
- Designed for cryogenic and hot process applications
- Design is double sealed and insulated
- Custom designs available; consult factory
- Optional 316 SS support rods and flanges
- ANSI Class 300 lb flanges available



Standard Construction

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

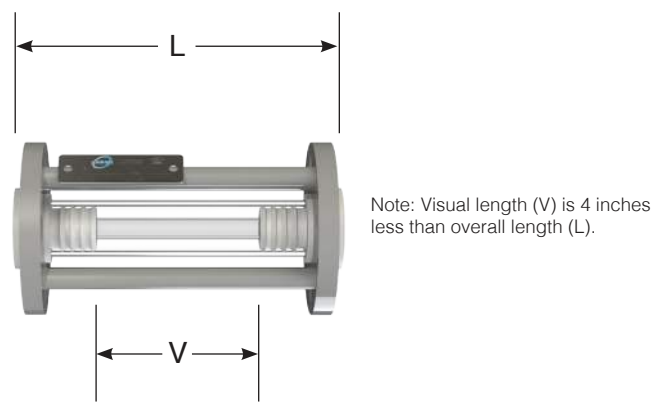


Model LAT Specifications						
Inner tube material	Inner tube size, in.	Outer tube material	Outer tube size, in.	Gauge rating, psig	Flange size, in. ANSI150	Max length FM approved, in.
PI	1.00	LX	2.25	150	1.50	48"
PI	1.50	LX	2.75	135	2.00	48"
PI	1.50	OG	2.75	135	2.00	48"
HW	1.50	LX	2.75	285 ¹	2.00	48"
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	AC	5.00	95	4.00	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"
HW	4.00	OG	7.00	100	6.00	12"
PI	6.00	AC	9.00	60	8.00	48"
PI	6.00	OG	9.00	60	8.00	48"
PI	8.00	AC	10.00	40	10.00	48"
PI	8.00	OG	10.00	40	10.00	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.

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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/rod
material

Flange size

Outer tube
material

Outer tube
size

LAT

☐ PTFE Teflon[®] lined reducing flanges: size _____ x _____

☐ Illuminator

Example Part Number: 22-LAT-PI40-CS60-AC70

22	22 inches overall length
LAT	Tube-N-Tube Lantern Flow Indicator
PI	Standard borosilicate inner tube
40	4.0 in. Inner tube size
CS	Carbon steel shield and flanges
60	6.00 in., 150-lb. flanges
AC	Acrylic outer tube
70	7.00 in. outer tube size

Teflon is a registered trademark of E.I. Dupont

Codes for Part Numbers

Inner Tube Material	Code	Size	Code
Borosilicate pipe	PI	1.00	10
Heavywall Borosilicate	HW	1.50	15
		2.00	20
		2.25	22
		2.75	27
		3.00	30
		4.00	40
		6.00	60
		7.00	70
		8.00	80
		9.00	90
		10.00	100

Outer Tube Material	Code
Acrylic	AC
Borosilicate	OG
Polycarbonate	LX

Flange/Rod Material	Code
Carbon Steel	CS
316 SS	S6