

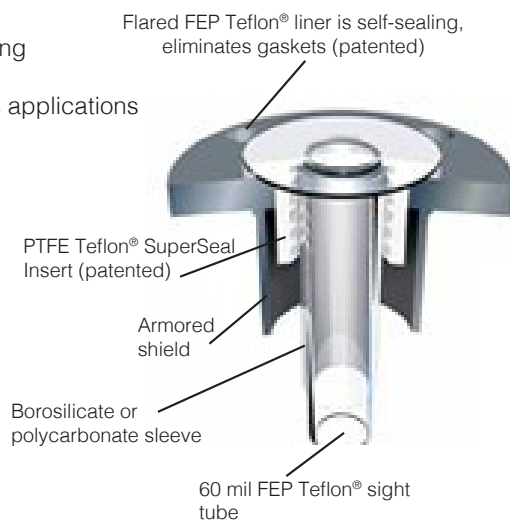
MODEL ULSS SINGLE TUBE UNIGAUGE™ (PATENTED)



- Only wetted part is one-piece, clear FEP Teflon®
- Approved by the Factory Mutual System (150°F max)
- Available in any length up to 10 feet
(Max length for FM approved models per specification below)
- Unobstructed visibility
- Maintenance free
- Patented one-piece SuperSeal inserts are self-sealing
- Flared FEP Teflon® forms flange gasket
- Excellent for corrosive, viscous, or sanitary process applications
- Rated up to 285 psig (ANSI 150)
- Polycarbonate sleeves rated up to 100°F
- Optional 316 SS
- ANSI Class 300 lb flanges are available
- Custom designs available; consult factory

Standard Construction

- FEP Teflon® sight tube, flared
- PTFE Teflon® SuperSeal inserts
- Polycarbonate or borosilicate sight tube sleeve
- Epoxy-coated carbon steel shield and flanges
- ANSI Class 150-lb flanges

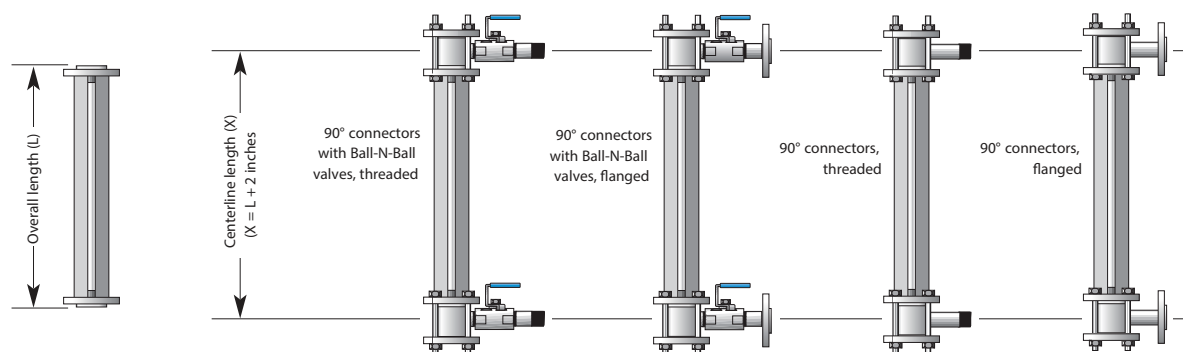


Model ULSS Specifications						
Sight tube material	Sight tube size, in.	Sleeve tube material	Sleeve tube size, in.	Gauge rating, psig	Flange size, in. ANSI 150	Max Length FM approved, in.
FP	1.00	LX	1.25	150	1.00	96"
FP	1.00	PI	1.00	150	1.00	119"
FP	1.25	HW	1.50	285 ¹	1.50	48
FP	1.50	LX	1.75	135	1.50	96
FP	1.50	PI	1.50	135	1.50	119
FP	1.63	HW	2.00	285 ¹	2.00	59
FP	2.00	LX	2.25	115	2.00	96
FP	2.00	PI	2.00	115	2.00	119

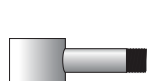
FP = FEP Teflon® PI = Standard Borosilicate HW = Heavywall Borosilicate LX = Polycarbonate
Note: (1) Actual flange pressure rating may be less based on material selected.



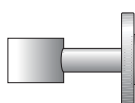
GAUGE-TO-VESSEL CONNECTIONS



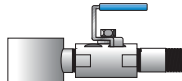
Visual Length = Overall length - 3 inches



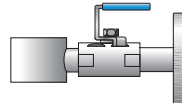
TC



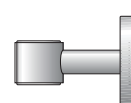
FC



TV



FV



LC

Gauge Connectors

- Threaded 1/2 to 1 in. NPT (TC)
- Flanged 1/2 to 2 in. (FC)
- Carbon steel, 316 SS, or CPVC
- Socket weld or weld neck flanges are available

Gauge Connector with Ball-n-ball valves

- Threaded 1/2 to 1 in. NPT (TC)
- Flanged 1/2 to 2 in. (FC)
- Carbon steel, 316 SS, or CPVC
- Socket weld or weld neck flanges are available

PTFE Teflon®-lined Gauge Connector

- Flanged 3/4, 1, 1-1/2, 2 in.
- 150 or 300 lb. ANSI
- Carbon steel
- 316 SS

GAUGE ACCESSORIES

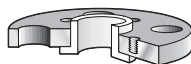
Blind Flanges

- Same size as gauge flange
- Captures connector with gasket and hardware
- Vent and drain sizes: 1/4 to 1 inch FNPT
- Carbon steel, 316 SS, or CPVC



Lined Reducing Flanges

- PTFE Teflon®-lined
- Sizes up to 10 in. x 8 in.
- Used in place of gauge connectors for non-standard installations



Calibration Scales

- Polycarbonate or 316 SS
- Inches/feet, total inches, or metric
- Custom-calibrated sight tubing available, consult factory



Explosion-Proof Illuminators

- 120-VAC, 56-watt, 3000-hour
- Class 1, Division 1, B, C, D, E
- Requires one lamp per 6 ft. of visual length

GAUGE AND CONNECTOR PART NUMBERS

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

Overall length (L) inches	Gauge model	Sight tube material	Sight tube size	Flange/shield material	Gauge flange size	Sleeve tube material	Sleeve tube size	Connector type	Connector material	Gauge flange size	Connection size
	ULSS	FP									

Options:

- ☐ Calibrated Scale: Polycarbonate ___ 316 SS ___ Sight Glass ___
Feet/Inches ___ Total Inches ___ Metric ___ Other ___
- ☐ Level floats: Orange PP ___
- ☐ Explosive-proof illuminator
- ☐ Sight tube redlining
- ☐ Vent and drain valves: Carbon steel ___ 316 SS ___ CPVC ___
- ☐ PTFE-lined reducing flanges: Size ___ x ___

Codes for Part Numbers

Sight tube material

FEP Teflon®

Sleeve tube material

Standard Borosilicate
Heavywall Borosilicate
Polycarbonate (100°F max)

Shield/Flange Material

Carbon Steel
316 SS

Code

FP

Code

PI

HW

LX

Code

CS

S6

Connector Material

Carbon Steel CS
316SS S6
CPVC CP

Size, Inches

1.00 10
1.25 12
1.50 15
1.62 16
1.75 17
2.00 20
2.25 22