

VISI-FLO®

Sight Flow Indicators

Bolted glass retainers eliminate routine maintenance

Unique radial seal prevents leakage

Four indicator choices cover every application

Flow monitoring made easy

- Quick, reliable flow verification
- Easy monitoring of fluid color and clarity
- Economical, maintenance-free design
- 3-year warranty... guaranteed not to leak



1300 Series

Window units with large 4" viewing area for internal observation of tanks, pipelines and more



1400 Series

Standard pressure/temperature units in flanged and threaded styles



1500 Series

High pressure/temperature units in flanged and threaded styles



1700 Series

Low pressure units in flanged (shown) and threaded styles feature 360° viewing area, Borosilicate cylinders, and impact deterrent shields

Your guide to the industry's most complete line of sight flow indicators

Indicator Styles



Plain - When fluid color/clarity is of prime importance (bi-directional)



Propeller - Ideal for opaque fluids and observation from a distance (right to left flow std., specify other)



Flapper - Points in either direction to show fluid flow (bi-directional)



Drip Tube - Ideal for gravity, intermittent or extremely low flow, prevents fluid from dripping on glass (vertical lines only)

Ordering Chart Call OPW Customer Service at 800-547-9393 for complete ordering information

Construction

- 2 - Carbon Steel
- 3 - Bronze
- 7 - 316 Stainless Steel
- 8 - Ductile Iron
- 9 - Alloy 20

Other construction materials available

Indicator Material

- D - Delrin® (Std. 1400 Series, white)
- R - Ryton® (Std. 1500 Series, brown)
- T - Teflon® (Std. 6" - 12", white)
- C - Carbon Steel (Drip Tubes only)
- S - Stainless Steel (Drip Tubes only)

End Connections

- Blank - FNPT
- F - ASME 150 Lb. Flange
- B - British Threaded
- FJP - Flanged Replacement
- FT - ASME 300 Lb. Flange
- SW - Socket Weld

1520RF-0201

Series

- 13 - 1300 Series (4" only)
- 14 - 1400 Series
- 15 - 1500 Series
- 17 - 1700 Series

See charts below for temperature and pressure ratings.

Indicator

- 0 - Plain
- 1 - Propeller (1/4" to 4" only)
- 2 - Flapper
- 3 - Drip Tube
- 4 - Low Flow (1/4", 3/8", 1/2" only)

Shielding

- Blank - Not Shielded
- SK - Shielded

Seal Materials

- 1 - Buna-N (Std. 1700 Series)
- 2 - Viton® (Std. 1500 Series)
- 3 - Teflon®
- 4 - EPT
- 5 - Neoprene (Std. 1300/1400 Series)
- 6 - Kalrez®
- 7 - Teflon® - High Temperature
- X - Customer Specified

Size

001 - 1/8"	010 - 1"	040 - 4"
002 - 1/4"	012 - 1-1/4"	060 - 6"
004 - 3/8"	015 - 1-1/2"	080 - 8"
005 - 1/2"	020 - 2"	100 - 10"
007 - 3/4"	030 - 3"	120 - 12"

Availability of styles, sizes and materials may vary depending upon Visi-Flo configuration. Consult OPW Customer Service regarding your exact requirements.

Maximum Pressure/Temperature Ratings

Size	Max. ASME Pressure	Max. Temperature*
4"	300 PSIG at 100°F	250°F at 250 PSIG
* 316 SST unit with standard Neoprene seals		
1400 Series		
End Connection	Max. ASME Pressure	Max. Temperature*
Flanged (6" - 12")	150 PSIG at 150°F	150°F at 150 PSIG
Threaded/Flanged (1/4" - 4")	200 PSIG at 150°F	250°F at 135 PSIG
* With standard seals. Temperatures up to 500°F possible with High Temperature Teflon® seals.		

Maximum Pressure/Temperature Ratings

End Connection	Materials	Max. ASME Pressure	Max. Temperature*
Threaded	All	400 PSIG at 150°F	350°F at 200 PSIG
Flanged	Carbon Steel	285 PSIG at 100°F	350°F at 215 PSIG
Flanged	Stainless Steel	275 PSIG at 100°F	350°F at 205 PSIG
Flanged	Ductile Iron	245 PSIG at 100°F	350°F at 165 PSIG
* With standard seals. Temperatures up to 500°F possible with High Temperature Teflon® seals.			
1700 Series			
Size	Max. ASME Pressure	Max. Temperature*	
1/8" - 1"	150 PSIG at 100°F	250°F at 150 PSIG	
1-1/2"	120 PSIG at 100°F	250°F at 120 PSIG	
2" - 3"	100 PSIG at 100°F	250°F at 100 PSIG	
4"	70 PSIG at 100°F	250°F at 70 PSIG	
* With standard Buna-N seals			

Temperature Range for Seal Materials

Seal Material	Minimum	Maximum
Neoprene (Std. 1300/1400 Series)	-20°F	250°F
Viton® (Std. 1500 Series)	0°F	350°F
Buna-N (Std. 1700 Series)	-30°F	250°F
EPT	-20°F	250°F
Teflon®	-40°F	450°F
Teflon® - High Temperature	0°F	500°F
Kalrez®	0°F	500°F