

VISI-FLO® Sight Flow Indicators

1400 and 1500 Series

OPW Engineered Systems has been manufacturing sight flow indicators for more than 60 years. Our experience has led to many innovations in design and manufacturing, making VISI-FLO® the most thoroughly engineered sight flow indicator on the market. VISI-FLOs are available in two series: the standard 1400 Series and the 1500 High-Pressure / High-Temperature Series.

Standard Features

- **Exclusive 3-Year “No-Leak” Guarantee** – VISI-FLO’s innovative radial seal creates a constant and uninterrupted sealing force between the body and outside diameter of the glass lens. This sealing method provides a longer-lasting and better seal than conventional flat seals.
- **Maintenance-Free Design** – VISI-FLO’s unique bolt-on-body design requires no special maintenance or torquing sequence to prevent leaks. This results in a safer, more reliable sight flow indicator than those units using tie rods to fasten lens and seal to body.
- **Dimensionally Interchangeable** – “FJP” Flanged VISI-FLOs feature end-to-end dimensions that match Jacoby-Tarbox and Penberthy and other manufacturers’ units. “FJP” units are available in 3/4", 2", 3" and 4".
- **Shipment Within 48-Hours on Most Items**
- **Rated for Full-Vacuum Service**



Four Indicator Styles:

- Propeller** – The best way to show flow of opaque liquids. Ideal for observation at a distance. Flow from right to left is standard. Specify if left-to-right flow is needed. Not recommended for flow rates more than 100 GPM.
- Bi-Directional Flapper** – This indicator points in either direction to show you at a glance which way the liquid is flowing.
- Bi-Directional Plain** – When the color and clarity of your liquid are of prime importance.
- Drip Tube** – Ideal for gravity, extremely low or intermittent flow. Keeps product from dripping on the glass. Ensures constant see-through for vertical lines.



| VISI-FLO® | Max Pressure | Max Temperature ¹ | Seals | Indicators | Windows |
|---|--------------------------------|-------------------------------|---------------------|------------|--|
| 1400 Series Threaded/ Flanged (1/4" - 4") | 200 PSIG @ 150° F | 250°F @ 135 PSIG | Neoprene (Std.) | Delrin® | 1/4" - 2" Tempered Soda Lime 3" - 12" Annealed Soda Lime |
| 1400 Series Flanged (6" - 12") | 150 PSIG @ 150° F | 150°F @ 150 PSIG | Neoprene (Std.) | Delrin® | |
| 1500 Series Threaded (1/4" - 2") | 400 PSIG @ 150° F | 400°F @ 160 PSIG | Fluorocarbon (Std.) | Ryton® | Tempered Borosilicate |
| 1500 Series Flanged (3/4" - 4") | 285 PSIG @ 100° F ⁴ | 400°F @ 200 PSIG ³ | Fluorocarbon (Std.) | Ryton® | Tempered Borosilicate |
| 1500 Series Flanged (6" - 12") | 275 PSIG @ 100° F | 400°F @ 200 PSIG ³ | Fluorocarbon (Std.) | Ryton® | Tempered Borosilicate |

1 - With Standard Seals; 2 - Stainless-Steel units rated @ 195 PSIG; 3 - Stainless-Steel units rated @ 195 PSIG, ductile iron @ 150 PSIG;

4 - Stainless-Steel units rated @ 275 PSIG, ductile iron @ 245 PSIG

Note: Alternate seals may result in higher operating temperatures. Temperatures up to 500°F possible with hi-temp PTFE seals.

1500 Series units supplied with Canadian Registration Numbers (CRN) carry a 100 PSIG Maximum Allowable Working Pressure at Max Temp of 400F/204C.