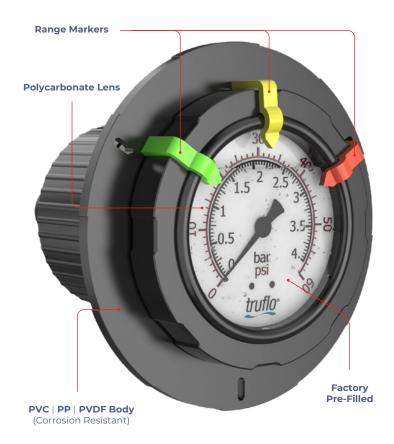
# Truflo® — OBS-A Series

# Panel Mount Pressure Gauge & Gauge Guard



- All Plastic One-Piece Design
- No Filling or Assembly Required
- Completely Corrosion Resistant



#### **Pressure Range Markers**

- ✓ Notification for Filter | Strainer Change-Out
- Easily Customizable to your Process Conditions
- Eliminates Manual Marking on Gauge
- Red | Yellow | Green Markers

#### **Factory Pre-Filled**

- Reduces Installation Time
- Increases Accuracy
- Eliminates the Mess of Self-Filling
- Removes Air Bubble Issues



### Feature<u>s</u>



- ✓ Industry's Most Accurate | ± 1.5%

- ✓ Large 2 ½" Dial
- 🕑 🛮 Dual Scale | Psi | Bar

# **Cutting-Edge One-Piece Plastic Pressure Gauges for Corrosive Environments**

The OBS-A Series is the industry's only integral molded one-piece plastic pressure gauge and gauge guard. Gauge guards are utilized to protect the pressure gauge from any corrosive media in the process system via an isolator.

OBS-A pressure gauges are a one-piece design and come factory pre-filled, resulting in an industry leading accuracy of 1.5%. Eliminating the need for filling saves the user time and the difficulty of having to fill a gauge isolator.

The 3 movable red, yellow and green range tabs are designed to act as a visual pressure alert for bag or filter change-outs.

The OBS-A Series is available in PVC, PP & PVDF, all equipped with a Teflon® diaphragm, making the entire unit completely corrosion resistant and the perfect pressure gauge for chemical applications.

Engineering the entire body in a plastic housing rather than just the gauge guard allows users to be confident that the complete unit will stand up in even the most corrosive environments

### Intergral Molded Gauge | Gauge Guard

- No Assembly or Filling Required
- ✓ Increased Accuracy Compared to Two-Piece Gauge + Gauge Guard
- Convoluted Teflon® Diaphragm for Higher Sensitivity
- Suitable for Chemical Applications





# Truflo® — OBS-A Series

# Panel Mount Pressure Gauge & Gauge Guard



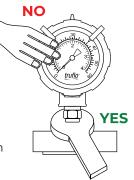
### **Technical Specifications**

Mounting	Panel Mount   Back Connection		
Process Connection	½" MNPT   FNPT   G   Flanged		
Measuring Principle	Bourdon Tube   316SS		
Pressure Ranges   Psi	0-15   0-30   0-60   0-100   0-160   0-200		
Lens	High Impact Polycarbonate		
Filling	Glycerin   Silicon*   Halocarbon*		
Accuracy	± 1.5%		
Operating Temperature	PVC: 140°F   60°C PP: 190°F   88°C PVDF: 240°F   115°C		
Dial Diameter	2 1/2"		
Standards & Approvals	CE   FCC   RoHS Compliant		



#### **Installation Instructions**

- Do not tighten by grasping the case of the gauge as this may cause damage. Always Pressure Test Connections for Leaks with Water Prior to Use on Chemical Service.
- Before installing the OBS-A Series pressure gauge, ensure attention is given to the Process Liquid, Chemical Compatibility, Temperature, Vibration, Pressure Spikes, and other climatic and application conditions that may adversely affect the performance.
- The user shall ensure that the correct gauge pressure range and the correct materials of construction are selected.



#### **Temperature | Pressure Graphs | Non-Wetted**

**Note**: The pressure/temperature graphs are specifically for the Truflo® Pressure Gauges, during system design the specifications of all components must be considered.

### **Model Selection**

OBS-A — Gauge + Guard Combo							
Size	Part Number	Material					
1/2"	OBS-A-P-0-X	PVC					
1/2"	OBS-A-PP-0-X	PP					
1/5"	OBS-A-PF-0-X	PVDF					

X = Max Pressure					<b>End Connection Option</b>		
15	•	0 - 15 Psi	100	•	0 - 100 Psi	Socket	PVC
30	•	0 - 30 Psi	160	•	0 - 160 Psi	Flanged	PP   PVDF
60	•	0 - 60 Psi	200	•	0 - 200 Psi	<b>Butt Fused</b>	PP   PVDF

½" FNPT is standard

Add Suffix -

'M' - Male ½" NPT 'F' - Flanged 'S' - ½" Socket \*Consult Factory for Alternative Pressure Ratings

