

# OBS-A SERIES

## Panel Mount Gauge & Gauge Guard



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



### Features

- ✓ Industry's Most Accurate |  $\pm 1.5\%$
- ✓ PVC | PP | PVDF
- ✓ Teflon® Bonded Diaphragm
- ✓ Large 2 ½" Dial
- ✓ All Plastic | Completely Corrosion Resistant
- ✓ Dual Scale | psi | bar

### Integral Molded Gauge | Gauge Guard

- ✓ No Filling or Assembly Required
- ✓ Increased Accuracy Compared to 2 Piece Gauge + Gauge Guard
- ✓ Convolved Teflon® Diaphragm for Higher Sensitivity



## 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.

### 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



PVC

PP

PVDF

RoHS  
Compliant

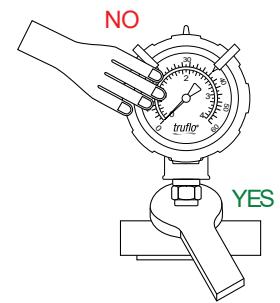


### Specifications

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   PP - 190°F   PVDF - 240°F
Dial Diameter	2 ½"

### 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.

■ = PVC ■ = PP ■ = PVDF

### Model Selection

OBS-A - P - 0-30 - M

Body Material	Pressure Range Psi	Connection
P - PVC	0 - 15    0 - 100	F - 1/2" FNPT
PP - PP	0 - 30    0 - 160	M - 1/2" MNPT
PF - PVDF	0 - 60    0 - 200	G - G Thread
		F - Flanged

