

# BAG SERIES

## 3" Pressure Gauge & Gauge Guard

Order from: **C A Briggs Company**

622 Mary Street; Suite 101; Warminster, PA 18974

Phone: 267-673-8117 - Fax: 267-673-8118

Sales@cabriggs.com - www.cabriggs.com



- ❑ All Plastic One-Piece Design
- ❑ No Filling or Assembly Required
- ❑ Extra Large 3" Dial Size

Pressure Range  
Markers

All Plastic  
Body

1/2" MNPT

**Big Ass Gauge**

PVC | PP

Factory  
Pre-Filled

### Product Description

The OBS-BAG 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.

The OBS-BAG Series Pressure Gauges are truly unique and industry leading when it comes to pressure measurement in corrosive environments.

OBS-BAG 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-BAG Series is available in PVC & PP, 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.

### Integral Molded Gauge | Gauge Guard

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



### Pressure Range Markers

- ❑ Easily 7 i gltca jnUV'Y'lc' nci f'DfcWgg 7 cbX]hcbg
- ❑ Eliminates Manually Marking on Gauge
- ❑ Red | Yellow | Green



### Factory Pre-Filled

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



### Features

- ❑ Industry's Most Accurate |  $\pm 1.5\%$
- ❑ PVC | PP
- ❑ Teflon® Bonded Diaphragm
- ❑ Large 3" Dial
- ❑ All Plastic | Completely Corrosion
- ❑ Resistant Dual Scale | psi | bar

PVC

PP



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### Specifications

Mounting	Direct Mount   Bottom Connection
Process Connection	½" MNPT   FNPT   G   Flanged
Measuring Principle	Bourdon Tube   316 SS
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
Dial Diameter	3"

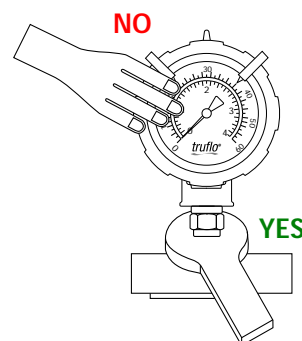
Optional\*

### 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-BAG 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.



### Standards and Approvals

CE | FCC

RoHS Compliant

### Temperature | Pressure Graphs | Non-Shock

**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

BAG - P - 0-30 - M

Body Material	Pressure Range   psi	Connection
P - PVC PP - PP	0 - 15    0 - 100 0 - 30    0 - 160 0 - 60    0 - 200	F - ½" FNPT    G - Type M - ½" MNPT    FL - Flanged

\*Consult Factory for Other Options

