

Truflo® — GI Series

Plastic Gauge Guard

truflo®

Features

- ✓ PTFE Teflon® Bonded Diaphragm
- ✓ Glass Filled PP Bonnet
- ✓ PVC | PP | PVDF Body
- ✓ ½" NPT Process Connection

Easy to Mount Gauges

- ✓ No Special Equipment is Required.
- ✓ Perfect Mate for Truflo OBS Plastic Gauges

Perfect for Instrumentation Protection

- ✓ Eliminates Sediment Build-Up in Gauges
- ✓ Available in Different Colors -Personalize your process skid or chemical application
- ✓ FPM or PTFE bonded FPM dished diaphragm for High Chemical Resistance and Sensitivity

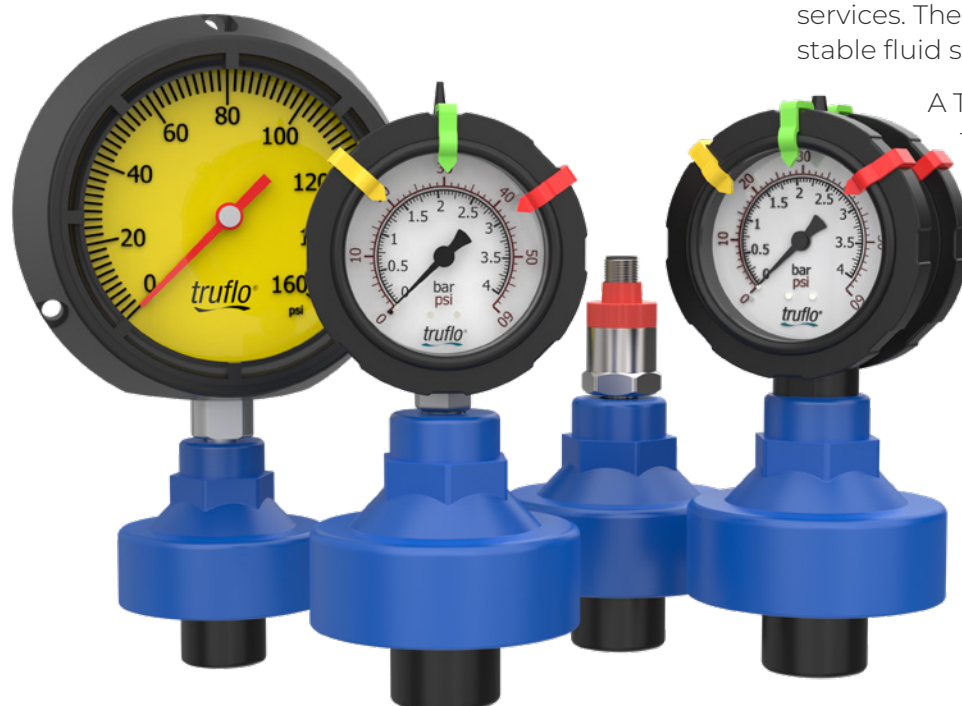
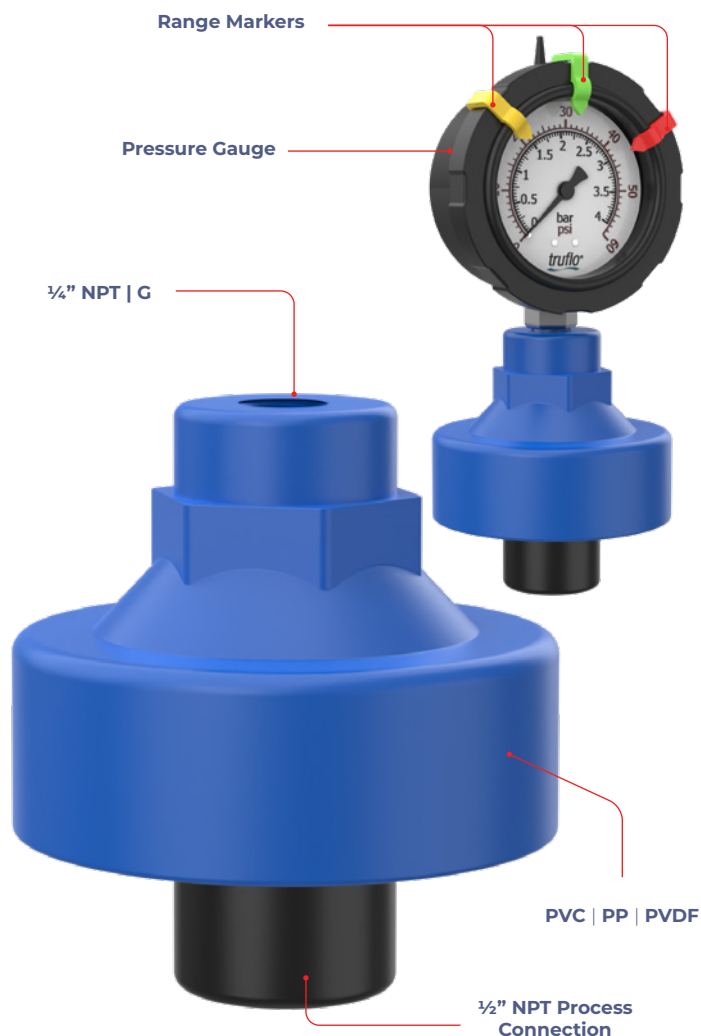
Heavy Duty Design for Safety

- ✓ Small Footprint
- ✓ Heavy Wall Connection Ports-Eliminates need for external bushing

Truflo GI Series: Flexible Gauge Isolators for Corrosive Environments

Truflo GI Series Gauge Isolators allow pressure gauges or any other pressure instrument to be used in corrosive services. The upper chamber (gauge side) is filled with a stable fluid such as glycerin or silicone.

A Teflon® bonded diaphragm separates it from the lower chamber which receives the media under pressure. Customers can easily fill isolators and install their own gauges, ensuring flexible and customizable application across various industrial settings.



PVC

PP

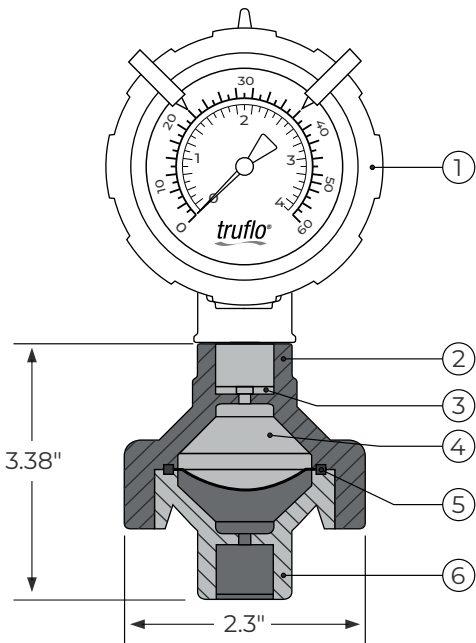
PVDF

PTFE



Technical Specifications

No.	Part	Materials
1	Pressure Gauge	PP 316 SS
2	Bonnet	PP PVDF
3	O-Ring	FPM-G-Thread Only
4	Liquid Fill	Glycerin Silicone
5	Diaphragm	PTFE Teflon® Bonded
6	Lower Chamber	PVC PP PVDF



Working Pressure (Psi) – Non Shock

Material	10 – 20°C 50 – 68°F	30°C 86°F	40°C 104°F	50°C 122°F	60°C 140°F	70°C 158°F	80°C 176°F	90°C 194°F	100°C 212°F	120°C 248°F
PVC	150	100	80	45	15	-	-	-	-	-
PP	150	125	100	80	65	45	-	-	-	-
PVDF	150	150	150	125	105	85	70	60	45	30

Temperature Ranges : PVC 0 to 60°C (32 to 140°F) | PP 10 to 80°C (50 to 176°F) | PVDF -30 to 120°C (-22 to 248°F)

Model Selection

GI Series — All Plastic Gauge Guard	
Part Number	Material
GI-P	PVC with PTFE Bonded Teflon® Diaphragm
GI-PP	PP with PTFE Bonded Teflon® Diaphragm
GI-PF	PVDF with PTFE Bonded Teflon® Diaphragm