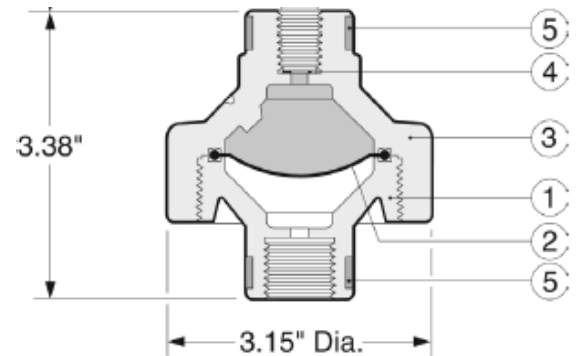


CGS GAUGE SEAL

- Glass Reinforced Polypropylene Upper Housing
- PTFE bonded EPDM Diaphragm
- 1/4" and 1/2" Instrument & Process Connections
- SS Bands for threaded connection reinforcement
- Optional Gauges, Switches and Fill Fluids Available
- For wastewater and chemical feed applications as well as applications with corrosive media



Ordering Info

Model		CGS-	025-	P-	EP-	V-	050-	K
Instrument Connection	1/4"	025						
	1/2"	050						
Upper Housing	Polypropolyene	P						
Diaphragm	PTFE/EPDM	EP						
Lower Housing	Polypropolyene	P						
	PVC	V						
	PVDF	F						
Process Connection	1/4"	025						
	1/2"	050						
Fill Fluid	Glycol	G						
	Silicone	S						
	Krytox	K						
	Halocarbon	H						
Optional Gauge/Switches	Consult Factory							

No.	Part	Pcs.	Materials
1	Body	1	PVC, PP, PVDF
2	Diaphragm	1	PTFE/EPDM
3	Bonnet	1	PPG
4	Gasket	1	EPDM
5	Stainless Steel Bands	2	304SS

WORKING PRESSURE PSI

MATERIAL	50-68°F	86°F	104°F	122°F	140°F	158°F	176°F	194°F	212°F	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 32 TO 140°F, PP 50 TO 176°F, PVDF -22 TO 248°F

Maintenance Instructions

Refer to drawing on Page 1

- 1. Gauge isolators can be mounted and filled with fluid prior to delivery, or isolators can be mounted and filled on site.**
 - 2. If assembly is mounted to piping, safely remove unit or isolate and vent prior to disassembly.**
 - 3. To disassemble isolator remove gauge from upper chamber/bonnet (3).**
 - 4. Separate bonnet (3) from body (1)**
 - 5. Drain fluid from both chambers (1&3), prior to removing diaphragm.**
 - 6. Check teflon diaphragm (2) for wear and replace if necessary.**
 - 7. Refill upper chamber (3) and replace diaphragm (2).**
 - 8. To reassemble diaphragm follow steps 1-4 in reverse, to hand-tight plus 1/4 turn (approx 30 in-lb).**
- Never tighten using instrument, always use flats on upper seal housing.**