

# Pressure Gauge Accessories

## WGI Diaphragm/Chemical Seals

When choosing a diaphragm seal, WGI offers unsurpassed quality, service and delivery. WGI recommends the use of a diaphragm seal for all applications involving, but not limited to corrosive media, (media containing particles), viscous media, temperature issues and the use of oxidizing agents.

### Specifications

<b>Fill Fluid</b>	Silicone, high temperature silicone, glycerin
<b>Seal Type</b>	DS90 - 8 Bolt, welded to upper body DSTB - All welded design DS-LPVC-PVC bolted
<b>Lower Housing Materials</b>	Optional steel, 304 SS, 316 SS, hastelloy B or C, monel, nickel, PVC, teflon, brass, titanium and polypropylene
<b>Diaphragm Materials</b>	316 SS, Special materials include 304 SS, monel, tantalum, hastelloy B and C, carpenter 20, nickel, titanium and teflon
<b>Optional Features</b>	316 SS top housing with SS rings, nuts and bolts. Pipe plugs for flushing connections. Flange faces - raised or flat face or ring joint
<b>Capillary Lines</b>	If your application requires a stainless steel capillary lines, specify one of the following and your desired length when ordering: <ul style="list-style-type: none"> <li>• Plain tube 1/4" NPT</li> <li>• SS plain tube 1/2" NPT</li> <li>• SS armored 1/4" NPT</li> <li>• SS armored 1/2" NPT</li> </ul>
<b>Sizes</b>	1/4", 1/2"



### Cross Reference Chart

Part Number	Instrument Connection	Process Connection	Body Material	Diaphragm Material	Pressure Range
DS90-D-D	1/2" FNPT	1/2" FNPT	316 SS	316 SS	-30 Hg to 2,500 PSI
DSTB-B-B	1/4" FNPT	1/4" FNPT	316 SS	316 SS	-30 Hg to 2,500 PSI
DSTB-B-B	1/2" FNPT	1/2" FNPT	316 SS	316 SS	-30 Hg to 2,500 PSI
DS-LPVC11-T-0	1/4" FNPT	1/4" FNPT	PVC	PTFE	0-200 PSI