

# Diaphragm Seals



## ▶ Gaugetech Mini Seals

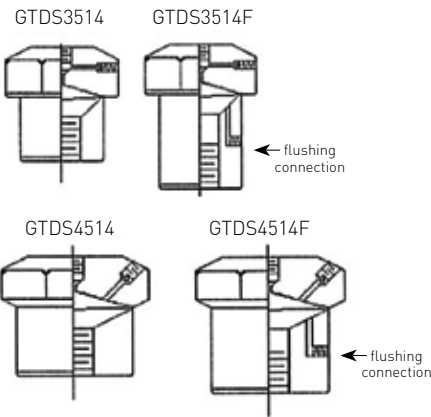
Gaugetech® Mini Seals are all-welded, gasketless, threaded off-line seals. The mini seal is an economical choice for isolation of smaller gauges or where high sensitivity is not required. All welded design, standard pressure rating of 2000 psi MWP.

### GT35 Series

1 1/2" Dial through 3 1/2" dial sizes  
Pressure transducers and transmitters or other small displacement instruments

### GT45 Series

All gauges through 4 1/2" dial size



## ▶ Standard Fills

Fill	Temperature Range
Pure Glycerine (food grade)	+30 to +300°F
Silicone DC200-1000cs	+35 to +450°F
Mineral Oil (standard)	-30 to +200°F
Fluorolube FS-5	-40 to +500°F

## ▶ How to order

Description	Model
1/4" NPTF Instrument with 1/4" NPTF Process	GTDS3514
1/4" NPTF Instrument with 1/4" NPTF Process with 1/4" NPT flushing port	GTDS3514F
1/4" NPTF Instrument with 1/4" NPTF Process	GTDS4514
1/4" NPTF Instrument with 1/4" NPTF Process with 1/4" NPT flushing port	GTDS4514F
1/4" NPTF Instrument with 1/2" NPTF Process	GTDS4512
1/4" NPTF Instrument with 1/2" NPTF Process with 1/4" NPT flushing port	GTDS4512F

## ► Gaugetech Diaphragm Seals

Gaugetech® Full Size diaphragm seals are a multi-purpose seal that isolates the pressure instrument from viscous, abrasive and/or corrosive process fluids. A diaphragm seal may also be used to protect the instrument from hot process fluids.

We offer from stock standard 316SS housings and diaphragms with threaded female process connections in 1/2" and 1" NPT Female. The instrument connection is a standard 1/2" NPT Male.

**Other exotic materials and flanged connections are available through special order.**



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Fill	Temperature Range
Pure Glycerine (food grade)	+30 to +300°F
Silicone DC200-1000cs	+35 to +450°F
Mineral Oil (standard)	-30 to +200°F
Fluorolube FS-5	-40 to +500°F

## ► How to order

316SS Upper Housing with 316SS Diaphragm and a 316SS Lower Housing      2300 psi MWP

Description	Model
1/2" NPTF Instrument with 1/2" NPTF Process	GTDS1212
1/2" NPTF Instrument with 1/2" NPTF Process with 1/4" NPT flushing port	GTDS1212F
1/2" NPTF Instrument with 1" NPTF Process	GTDS121
1/2" NPTF Instrument with 1" NPTF Process with 1/4" NPT flushing port	GTDS121F