

Hyett Diaphragm Seals

Hyett Diaphragm seals are utilized to protect pressure indicators from harmful process fluids. Diaphragm seals isolate pressure gauges and prevent the medium from entering the internals of the pressure gauge. Diaphragm seals are used to prevent corrosive process fluids from entering pressure gauge internals, clogging gauge internals, or solidifying within the pressure gauge.

Hyett's line of diaphragm seals, in conjunction with WGI pressure indicators, offers instrumentation that is rugged and carefully calibrated to withstand the most severe industrial process or OEM service. Hyett diaphragm seals are available in a variety of metal housing materials and process connection sizes to fit most requirements.

42MW Series diaphragm seals have all welded non replaceable diaphragms.

Specifications

Sizes

1/4" - 1" NPT or 150#, 300# or 600# flanged available

Fill Fluids

Silicone, High temperature silicone, Glycerin,

Lower Housing Materials

Optional Steel, 304SS, 316SS, Hastelloy B or C, Monel, Nickel, PVC, Teflon, Brass, Titanium & Polypropylene

Diaphragm Materials - 316 Stainless Standard

Special Materials include 304SS, Monel, Tantalum, Hastelloy B & C, Carpenter 20, Nickel, Titanium & Teflon

Optional Features

316SS top housing with SS rings, nuts and bolts.
Pipe plugs for flushing connections. Flange faces - raised face, flat face or ring joint

Capillary Lines

If your application requires a stainless steel capillary line, specify one of the following and your desired length when ordering.

- Stainless Steel plain tube 1/4" NPT
- Stainless Steel plain tube 1/2" NPT
- Stainless Steel armored 1/4" NPT
- Stainless Steel armored 1/2" NPT

Pressure Ratings

42MW - 2500 psi
25AW - 1000 psi
15AW - 1500 psi



42MW



15AW - 25AW

Stocked Models

Part Number	Size	Material
42MW-01-CS-1/2U (Upper Housing)	1/2" FNPT	Carbon Steel
42MW-01-316-1/2L (Lower Housing)	1/2" FNPT	316 Stainless
42MW-01-316-1L (Lower Housing)	1" FNPT	316 Stainless
Miniature Seals		
Part Number	Size	Material
15AW-1/4	1/4" FNPT	316 Stainless
25AW-1/2	1/2" FNPT	316 Stainless