



# DIAPHRAGM SEALS

Diaphragm seals are manufactured for use on corrosive applications or where the mediums contain solids. They can be fitted with a vast array of pressure and vacuum gauges with dial sizes from 63mm up to 200mm in diameter. The normal working temperature of a diaphragm seal is up to 100 deg C, but these can be rated as high as 250 deg C when the system is filled with HT silicon oil and the gauge is mounted via an extended neck or capillary tubing.

Diaphragm seals normal material of construction is 316 stainless steel for general non corrosive processes, but also can be offered in certain types of materials such as Monel, Hastelloy, Tantalum, Titanium, PVC, PVDF, PTFE lined or coated.

Diaphragm seals are normally manufactured with male threads from 1/4" up to 1/2" BSPT or NPT but can be offered with threads as large as 2" BSP in our Plug type.

Connections can also be offered with female threads or special connections to suit your application. Diaphragm material is normally 316 stainless steel and on abrasive applications we can offer with rubber protection.

