

Schmierer Diaphragm Seals

- for corrosive, aggressive media (Chemical, Petro-Chemical)
- for toxic and hazardous media (Acid and Alkaline)
- for F&B sanitary and hygienic appl.
- for viscous, crystalizing, polymerizing media (Palm Oil, Oleo Chemical)
- for non-homogenous media with particles (Paper & Pulp)
- for ultra-pure process fluids (Semiconductor, Solar)
- for high temperature and pressure procedures



Diaphragm seals are used to protect pressure instruments from corrosive, viscous or hot process media and safeguard highly hygienic liquids from contamination.

The pressure will be transmitted without any time delay from the highly flexible and sensitive seal membrane to the measuring instrument using a transmission fluid.

Seals can be mounted to Bourdon Tube gauges, pressure switches and transmitters / Differential



Pressure transmitters. Schmierer Seals are manufactured under highest quality standards with selected materials and coatings, (elastomers, rubbers, high grading stainless steels, Hastelloy, Monel, Inconel, Tantalum, Titanium) for customer specific requirements on process media, pressure, temperature and mounting positions. The connecting part can be made or protected (lined) with suitable material, i.e. SS 316L, PP, PVC, PVDF etc. They will run through several test cycles on tightness and shape of the surface.



PG SRU 25X mini seal

Schmierer Diaphragm Seals

Diaphragm Seals are available in different design types and sizes:

V120, V121
standard flanged



V120/123, V121/124
flanged with screwed connection



V120/150/158, V121/151/159
flanged with open connection



V185
flush with capillary



V188
flush with extension



V165
flush treaded



V188
Paper & Pulp



V164 Homogenizer



V 163 Varivent, V166 Neumo



V162 chemical tri clamp



V190 Inline



Diaphragm Seal Coatings

V120 PTFE



V120 PTFE - V123 PVDF



V123 PVDF

