



Diaphragm seal - TR76

Sheet No.: 1-879 GB

Tempress Sol-Gel coated diaphragm seal for waste water treatment oil-

based fluids.

- Wetted parts, AISI316
- The unique Sol-Gel coating is ideal for use in waste water and oil-based fluids
 - Extended life time
 - Lower maintenance costs
- The diaphragm seal has an easy clean coating with very low surface energy.
- Suitable when working with oil- and water-based fluids with a high concentration of minerals.
- The coating can be used in the temperature span between -40 to 100°C.
- Easy clean function is best retained when subjected to pH 4-9.
- Easy clean function does not work well with high viscosity and very sticky fluids.
- The coating is not suitable for equipment using CIP or SIP cleaning systems.

Application

The ISO2852 Tri-clamp diaphragm seal is well suited for many different applications in the food and pharma industries. It is reliable, easy to clean and works both on gasses and liquids. Widely used on all sorts of machinery.

TYPE		MEASURING RANGE		
Datasheet	Instrument	Type	Min. span	Max. pressure
1-600 2-600	Pressure gauge Pressure transmitter	A32/33/37 P1232/37	1 bar 0,25 bar	100 bar,

DIAPHRAGM SEAL		TR	..
Wetted parts	Surface		
AISI316			
DN38 DN51		76	
Diaphragm			
AISI316 with SOL-Gel coating	SOL-Gel		10
Example: Diaphragm seal with wetted parts in AISI316 and diaphragm AISI316 SOL-Gel coated, DN38: TR7610.			

TRANSMISSION LIQUID			
Application	Liquid type	Temp. range	Span
Standard	Glycerine 90/10	-5/+100 °C (+23/+212 °F)	All
Low temperature	Glycerine 75/25	-40/+100 °C (-40/+212 °F)	All



