

# DIAPHRAGM SEAL PLASTIC TYPE



DRUCK & TEMPERATUR

## Nominal size DN 20 and 25 PN 10

Diaphragm seals transmit the process pressure to the pressure measuring device, with the diaphragm seal hermetically separating the medium and the measuring device.

Plastic diaphragm seals transfer the pressure between the medium and the measuring instrument without corrosion. Suitable for solid-free, neutral and aggressive media that do not attack the components in contact with the media listed below.



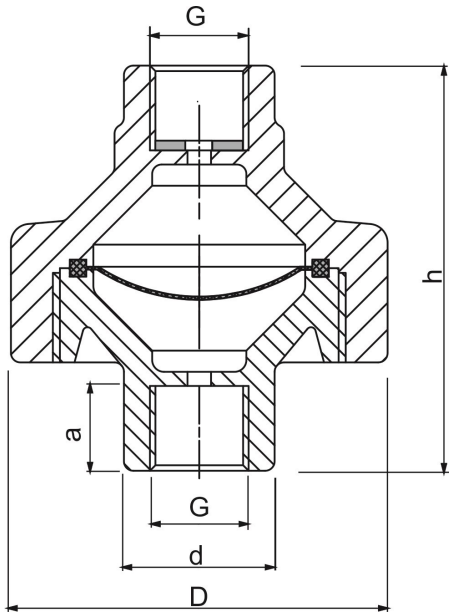
### Areas of application

chemical plant engineering  
electroplating

Type	1907	Options
Size	DN 25	DN 20
Upper part	PP, glass fiber reinforced, orange	
Lower part	PVC-U, grey	PP, PVDF
Sealing element	PTFE	PFA
Diaphragm	PTFE (EPDM-diaphragm with PTFE coating on the side in contact with the medium)	
Transmitter fluid	Silicone oil	Almond oil
Process connection	PVC-U socket fixed, G1/2	PP, PVDF
Device connection	G1/2 female	G1/4, 1/4"NPT, 1/2"NPT
Mounting position	Any, preferably measuring instrument at the top	
Nominal pressure	PN 10	
Medium temperature/ Operating pressure	see diagrams page 2	

Type 1907

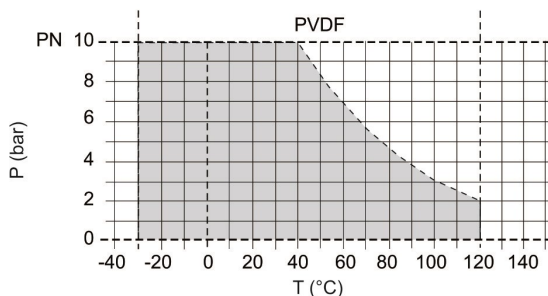
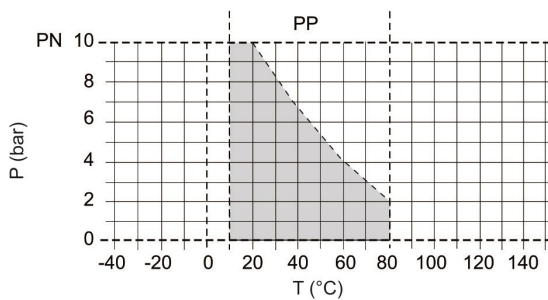
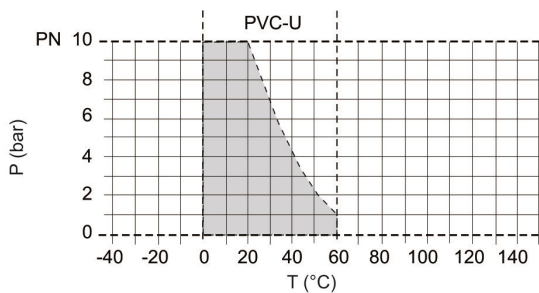
**Dimensional drawing** Dimensions in mm



Nominal size	d	G	D	h	a
DN 25	32	G1/2	80	86	22
DN 20	25	G1/4	80	86	18

**Pressure and temperature diagram**

The pressure/temperature limits of the materials are valid for the stated nominal pressures and a service life of 25 years. These values are guide values for flow medium types which do not negatively impact the physical and chemical characteristics of the valve material. It may be necessary to take diminution factors into consideration. The operating life of the wearing parts depends on the conditions of use.



P Operating pressure  
T Temperature

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