

# Accessories

## Chem Seals - Thermowells Manifolds - Overpressure Protector



### CHEMICAL SEALS

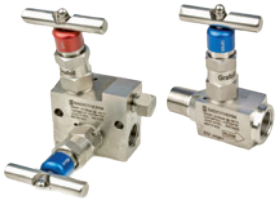
Once performance needs, process conditions, and installation requirements are known, the individual seal components can be selected. The following pages describe the available seal types, the system assembly options, and fill fluid characteristics. Badotherm offers a complete variety of Diaphragm Seals to meet application needs.

#### FLANGED

available in all kinds of international flange standards, ASME B16.5, EN1092-1, API 6A ISO 10423 or JIS B2220.

#### THREADED

These types of diaphragm seals are designed for direct available in all kind of international thread standards, mounting on the threaded process connection. They are NPT, BSP, and metric.



### MANIFOLDS & VALVES

Instrument valves and manifolds are often used on general applications for liquid and gas service and are suitable for shutting-off impulse lines to separate the instrument from the process medium. This enables replacing, calibration, cleaning or testing of the instrument.

General features:

Models:	1-3-5 way
Pressure limit:	PN400
Operating temperature:	-20°C...+250°C (up 400°C)
Manufacturing type:	Bar stock
Seals & gaskets:	PTFE up to 250°C (graphoil for higher °t)
Material:	Stainless Steel SS316
Process size conn.:	male 1/4" -1/2" BSP or NPT
Instruments conn.:	female 1/4" -1/2" BSP or NPT



### PRESSURE GAUGES OVERPRESSURE PROTECTOR & PULSATION DUMPENER

Adjustable overpressure protector are used to protect pressure gauges and sensor against the effects of pressure exceeding their maximum rating

General features:

Scale ranges:	200 mbar...4 bar / 6 bar...400 bar
Pressure limit:	PN600
Operating temperature:	-40°C...+120°C
Manufacturing type:	Bar stock
Seals & gaskets:	Viton
Material:	Stainless Steel SS316
Process size conn.:	male 1/4" -1/2" BSP or NPT
Instruments conn.:	female 1/4" -1/2" BSP or NPT



### THERMOWELLS

From bar stock, solid machined type thermowell with a threaded or flanged process connection. The construction is available with straight, stepped, or tapered stem. The standard material is AISI 316(L) and optionally various exotic materials are available. Thermowells are designed to protect the temperature bulb from corrosive effect, extreme pressure, or other process conditions. It also allows replacing the temperature instrument without disturbing the process.

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#### BAR STOCK

Pressure limit:	PN600
Operating temperature:	-40°C...+120°C
Manufacturing type:	Bar stock
Material:	Standard SS316( Special material):Duplex, Monel, Titanium, Niquel, Hastelloy, Inconel.
Process size conn.:	male 1/4" -1/2" BSP or NPT / FLANGED
Instruments conn.:	female 1/4" -1/2" BSP or NPT

#### TUBE BUILT UP

Pressure limit:	PN25
Manufacturing type:	Tube
Other features:	As the bar stock built up type.