

# FLANGED SEALS

Diaphragm Seals > Flanged Seals > 990.26



## Type 990.26

Type 990.26 flanged diaphragm seal is a one-piece design. The diaphragm is recessed from the end user's gasket-sealing surface. A variety of process wetted materials are available, such as solid metallic, metal or plastic lined. This seal is commonly installed on transmitters and pressure gauges.

### Standard Features

**Design:** This seal contains a recessed diaphragm to the gasket-sealing surface. This seal is a one-piece design removing all requirements for internal gaskets and O-rings.

**Pressure Rating, Maximum:** 725 psi maximum flange rating per ASME B16.5

**Suitable Pressure Span, Minimum<sup>1</sup>:**

**Gauge (Range<sup>2</sup>):**

2½", ≥ 15 psi

4 or 4½", ≥ 15 psi

**Pressure Transmitters<sup>3</sup>:** ≥ 15 psi

**Operating Temperature<sup>4</sup>:** -130°F to 752°F (-90°C to 400°C)

### Available Options

- Cooling element
- Capillary tubing

Notes:

1. Typical values, dependant on pressure instrument, diaphragm diameter, process connection size and application
2. Includes compound ranges
3. Absolute pressure - check with factory
4. Can vary based on selection of materials

### 990.26 Smart Code Configuration

Field no.	Code	
1	A	ASME B16.5
	?	Other - please specify
	<b>Process connection type</b>	
2	SM05	½"
	SM07	¾"
	SM10	1"
	????	Other - please specify
3	<b>Process connection</b>	
	1	Class 150
	2	Class 300
4	?	Other - please specify
	<b>Nominal pressure rating</b>	
	1B	Raised face (RF) 125 ... 250 RMS
	2B	Raised face (RF) 64 ... 125 RMS
5	1F	Ring (Type) Joint (RTJ / RJF)
	SF	Raised Face Smooth Finish (RFSF) <sup>1</sup>
	??	Other - please specify
	<b>Sealing face style</b>	
6	<b>Flange body material</b>	
	C2	316L SS (1.4435)
	T1	Titanium grade 2 (3.7035) <sup>2</sup>
	??	Other - please specify
	<b>Diaphragm and lower housing material</b>	
C2-C2	316L SS (1.4435)	
H3-H3	Hastelloy® B2 / B3 (2.4617 / 2.4600)	
H4-H4	Hastelloy® C4 (2.4610)	
H2-H2	Hastelloy® C276 (2.4819)	
M1-M1	Monel® 400 (2.4360)	
I1-I1	Inconel® 600 (2.4816)	
I2-I2	Incoloy 825 (2.4858)	
TL-TL	Tantalum <sup>1</sup>	
NL-NL	Nickel	
T1-T1	Titanium grade 2 (3.7035) <sup>2</sup>	
C0-C0	Carpenter 20	
CW-CW	316L SS with virgin PTFE-lining <sup>1</sup>	
6	??-??	Other - please specify

<sup>1</sup> RFSF sealing face required for lined / coated lower housings

<sup>2</sup> All titanium design, only threaded instrument connections available

\*Additional order details \_\_\_\_\_

Order Code:      1      2      3      4      5      6

**990.26** -       -  **Z ZZZ**

*Master Gauge Co.*



**WHEN UNDER PRESSURE THINK OF US!**

1150 W. GRAND AVE. CHICAGO, IL 60642 - TOLL-FREE: 1-800-259-2705 - PHONE: 1-312-666-2705 - FAX: 1-312-666-6458 - MASTERGAUGE.CO.COM

DIAPHRAGM SEALS