



# FLANGED DIAPHRAGM SEALS

**General:**

- Standard: Clamped Type Diaphragm with Upper & Lower Housing Gaskets  
Option: Available with Diaphragm Welded to Upper Housing  
(Note: Model Number changes to '200') \*
- Instrument Connection: 1/4" or 1/2" NPT \*
- Process Connection: 1/2", 3/4", 1" 1 1/2" RF Flanged \*
- Pressure Rating: per ANSI B16.5 - 150 # or 300 # Standard \*
- Upper Housing: Chrome Plated Carbon Steel Standard – Stainless Steel Available \*
- Bolting: Grade 8 Galvanized Steel Standard – Stainless Steel Available \*
- RTJ Connection Also Available

\* (Others Available upon Request)

**Wetted Materials Available (Includes Diaphragm and Lower Housing):**

316 SS, 304 SS, 316L SS, 304L SS, Hastelloy C276, B2, Inconel 600, 625, Tantalum (Diaphragm Only), Nickel, Monel 40, Titanium, Carpenter 20, Teflon, PVC, Kynar, Others upon Request

**Gasket Materials:**

Buna N, Viton, Teflon, Grafoil, Others upon request

**Fill Fluids Available:**

Glycerine (standard), Silicone (various Grades and viscosities), Glycol, Halocarbon, Slytherm, Others Upon Request

100-FL-1				
Process Connection		A	B	
1/2"	150 #	3 1/2"	1 3/8"	
3/4"		3 3/4"	1 11/16"	
1/2"	300 #	3 3/4"	1 3/8"	
3/4"		4 5/8"	1 11/16"	

  

100-FL-2				
Process Connection		A	B	
1"	150 #	4 1/4"	1 3/8"	
1"	300 #	4 7/8"	1 9/16"	

  

100-FL-3				
Process Connection		A	B	
All Dimensions According to Size and Rating.				

**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