



### Description & Features:

- “Continuous use” seals - backing plate will prevent diaphragm from rupturing if pressure sensing instrument fails. Pressure will be held until instrument is replaced
- Various sizes and housing materials available
- 1 year warranty

### Applications:

- Used in industrial applications such as oil refineries, pulp and paper mills and chemical plants

Specifications	
<b>Housing</b>	316 SS, Monel®, Hastelloy® B & C, Titanium, Tantalum, PVC, Carbon steel, Teflon®, Alloy 20, other (nickel plated carbon steel or SS upper housing standard)
<b>Diaphragm</b>	Teflon® for increased compatibility, sensitivity and versatility
<b>Construction</b>	Two piece construction
<b>Connection</b>	¼", ½" NPT female gauge connections standard (Other NPTF gauges connections available) 1" (25mm), 1.5" (40mm) and 2" (50mm) pipe size and #150 and #300 pressure rating standard (Other configurations available)
<b>Maximum Temperature Limit</b>	400°F (204°C)

### Order Codes

Type*	Instrument Connection	Diaphragm Material	Lower Housing Wetted Parts	Carbon Steel	Stainless Steel
				Upper Housing Non-Wetted Parts	Upper Housing Non-Wetted Parts
<b>1" - 150#RF</b>				<b>Code</b>	
Teflon® Diaphragm	½" NPT	Teflon®	316 SS - Teflon® lined	D44001	D44002
Teflon® Diaphragm	¼" NPT	Teflon®	316 SS - Teflon® lined	D44003	D44004
<b>1" - 300#RF</b>					
Teflon® Diaphragm	½" NPT	Teflon®	316 SS - Teflon® lined	D44005	D44006
Teflon® Diaphragm	¼" NPT	Teflon®	316 SS - Teflon® lined	D44007	D44008
<b>1.5" - 150#RF</b>					
Teflon® Diaphragm	½" NPT	Teflon®	316 SS - Teflon® lined	D44009	D44010
Teflon® Diaphragm	¼" NPT	Teflon®	316 SS - Teflon® lined	D44011	D44012
<b>1.5" - 300#RF</b>					
Teflon® Diaphragm	½" NPT	Teflon®	316 SS - Teflon® lined	D44013	D44014
Teflon® Diaphragm	¼" NPT	Teflon®	316 SS - Teflon® lined	D44015	D44016
<b>2" - 150#RF</b>					
Teflon® Diaphragm	½" NPT	Teflon®	316 SS - Teflon® lined	D44017	D44018
Teflon® Diaphragm	¼" NPT	Teflon®	316 SS - Teflon® lined	D44019	D44020
<b>2" - 300#RF</b>					
Teflon® Diaphragm	½" NPT	Teflon®	316 SS - Teflon® lined	D44021	D44022
Teflon® Diaphragm	¼" NPT	Teflon®	316 SS - Teflon® lined	D44023	D44024

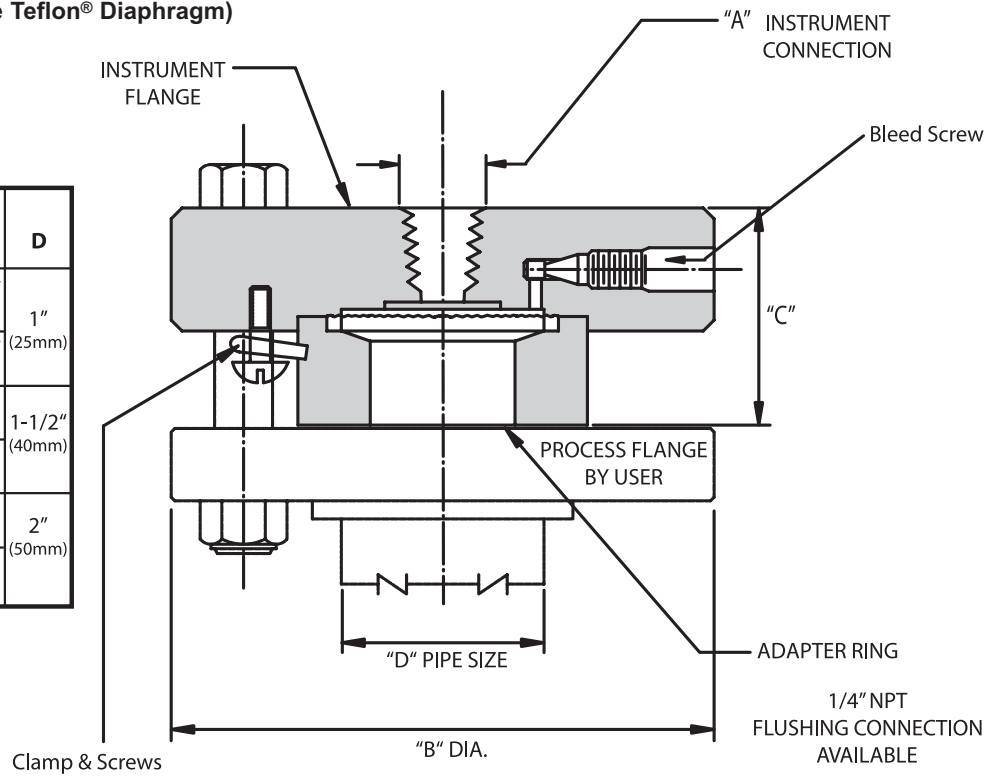
\*Replaceable diaphragms available  
Other fill fluids (seal only) available upon request

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# D44 #80 Flanged Diaphragm Seal (Teflon®)

## Diaphragm Seal (Replaceable Teflon® Diaphragm)

A NPT	PRESSURE RATING	B	C	D	
1/4	150 LB.	4-1/4" (108mm)	1-11/16" (44mm)	1" (25mm)	
1/2					
1/4	300 LB.	4-3/4" (108mm)	1-11/16" (44mm)		
1/2					
1/4	150 LB.	5" (125mm)	1-5/8" (42mm)		1-1/2" (40mm)
1/2					
1/4	300 LB.	6" (150mm)	1-5/8" (42mm)		
1/2					
1/4	150 LB.	6" (150mm)	1-5/8" (42mm)	2" (50mm)	
1/2					
1/4	300 LB.	6-1/2" (162mm)	1-5/8" (42mm)		
1/2					



Teflon® is a registered trademark of Dupont Corporation