

# #80 Flanged Diaphragm Seals



## Description

Winters Instruments Flanged Diaphragm Seal is used in industrial applications such as oil refineries, pulp and paper mills and chemical plants and is CRN registered.

## SPECIFICATIONS

<b>Housing:</b>	Wide range of materials such as 316 stainless steel, Monel, Hastelloy B & C, Titanium, Tantalum, PVC, Carbon steel, Teflon, Alloy 20 and more are available (Nickel plated carbon steel, or stainless steel upper housing standard, other material available).
<b>Construction:</b>	Two piece construction
<b>Connection:</b>	1/4" and 1/2" NPT female gauge connections standard (Other NPTF gauges connections available) · 1" (25mm), 1 1/2" (40mm) and 2" (50mm) pipe size and #150 and #300 pressure rating standard. (Other configurations available)
<b>Other:</b>	· Cleanout type for easy cleaning and calibrating · Saddle Diaphragm seals available upon request · Flushing connections available

## Product Codes

Type* Process Conn / Press. Rating	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>					
Welded Diaphragm	1/2" NPT	316 St/St	316 St/St	D1150SS5CS	D1150SS5SS
Welded Diaphragm	1/2" NPT	Tantalum	Teflon Lined - 316 St/St	D1150UL5CS	D1150UL5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Monel	D1150HM5CS	D1150HM5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Hastelloy C	D1150HH5CS	D1150HH5SS
Welded Diaphragm	1/4" NPT	316 St/St	316 S/S	D1150SS25CS	D1150SS25SS
Welded Diaphragm	1/4" NPT	Tantalum	Teflon Lined - 316 St/St	D1150UL25CS	D1150UL25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Monel	D1150HM25CS	D1150HM25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Hastelloy C	D1150HH25CS	D1150HH25SS
<b>1" - 300#RF</b>					
Welded Diaphragm	1/2" NPT	316 St/St	316 St/St	D1300SS5CS	D1300SS5SS
Welded Diaphragm	1/2" NPT	Tantalum	Teflon Lined - 316 St/St	D1300UL5CS	D1300UL5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Monel	D1300HM5CS	D1300HM5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Hastelloy C	D1300HH5CS	D1300HH5SS
Welded Diaphragm	1/4" NPT	316 St/St	316 St/St	D1300SS25CS	D1300SS25SS
Welded Diaphragm	1/4" NPT	Tantalum	Teflon Lined - 316 St/St	D1300UL25CS	D1300UL25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Monel	D1300HM25CS	D1300HM25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Hastelloy C	D1300HH25CS	D1300HH25SS

\* Replaceable and Teflon Diaphragms available

· Other materials, pipe size and pressure ratings available upon request.



# #80 Flanged Diaphragm Seals (Welded)

Diaphragm Seals

Product Codes					
Type* Process Conn/ Press. Rating	Instrument Connection	Diaphragm Material	Lower Housing Wetted Parts	Carbon Steel	Stainless Steel
				Upper Housing Non-Wetted Parts	Upper Housing Non-Wetted Parts
<b>1.5" - 150#RF</b>					
Welded Diaphragm	1/2" NPT	316 St/St	316 St/St	D15150SS5CS	D15150SS5SS
Welded Diaphragm	1/2" NPT	Tantalum	Teflon Lined - 316 St/St	D15150UL5CS	D15150UL5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Monel	D15150HM5CS	D15150HM5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Hastelloy C	D15150HH5CS	D15150HH5SS
Welded Diaphragm	1/4" NPT	316 St/St	316 St/St	D15150SS25CS	D15150SS25SS
Welded Diaphragm	1/4" NPT	Tantalum	Teflon Lined - 316 St/St	D15150UL25CS	D15150UL25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Monel	D15150HM25CS	D15150HM25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Hastelloy C	D15150HH25CS	D15150HH25SS
<b>1.5" - 300#RF</b>					
Welded Diaphragm	1/2" NPT	316 St/St	316 St/St	D15300SS5CS	D15300SS5SS
Welded Diaphragm	1/2" NPT	Tantalum	Teflon Lined - 316 St/St	D15300UL5CS	D15300UL5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Monel	D15300HM5CS	D15300HM5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Hastelloy C	D15300HH5CS	D15300HH5SS
Welded Diaphragm	1/4" NPT	316 St/St	316 St/St	D15300SS25CS	D15300SS25SS
Welded Diaphragm	1/4" NPT	Tantalum	Teflon Lined - 316 St/St	D15300UL25CS	D15300UL25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Monel	D15300HM25CS	D15300HM25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Hastelloy C	D15300HH25CS	D15300HH25SS
<b>2" - 150#RF</b>					
Welded Diaphragm	1/2" NPT	316 St/St	316 St/St	D2150SS5CS	D2150SS5SS
Welded Diaphragm	1/2" NPT	Tantalum	Teflon Lined - 316 St/St	D2150UL5CS	D2150UL5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Monel	D2150HM5CS	D2150HM5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Hastelloy C	D2150HH5CS	D2150HH5SS
Welded Diaphragm	1/4" NPT	316 St/St	316 St/St	D2150SS25CS	D2150SS25SS
Welded Diaphragm	1/4" NPT	Tantalum	Teflon Lined - 316 St/St	D2150UL25CS	D2150UL25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Monel	D2150HM25CS	D2150HM25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Hastelloy C	D2150HH25CS	D2150HH25SS
<b>2" - 300#RF</b>					
Welded Diaphragm	1/2" NPT	316 St/St	316 St/St	D2300SS5CS	D2300SS5SS
Welded Diaphragm	1/2" NPT	Tantalum	Teflon Lined - 316 St/St	D2300UL5CS	D2300UL5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Monel	D2300HM5CS	D2300HM5SS
Welded Diaphragm	1/2" NPT	Hastelloy C	Hastelloy C	D2300HH5CS	D2300HH5SS
Welded Diaphragm	1/4" NPT	316 St/St	316 St/St	D2300SS25CS	D2300SS25SS
Welded Diaphragm	1/4" NPT	Tantalum	Teflon Lined - 316 St/St	D2300UL25CS	D2300UL25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Monel	D2300HM25CS	D2300HM25SS
Welded Diaphragm	1/4" NPT	Hastelloy C	Hastelloy C	D2300HH25CS	D2300HH25SS

\* Replaceable Diaphragms available

• Other materials, pipe size and pressure ratings available upon request.

