

Flush Mini-Diaphragm Seal Type 330 All Welded 1" Male NPT

- All welded metal construction, prevents leakage of process media
- Flush design eliminates pockets that could cause clogging or build-up of process media
- Diaphragm area easy to clean up
- Provided with a 1" MNPT process connection
- Compact size to fit space-restricted areas
- No gaskets or bolts
- For use on pressure gauges up to 3 1/2" from vacuum to 1000 psi
- Top housing and diaphragm material 316L stainless steel
- 1/4 & 1/2 NPT instrument connection
- Adds an additional 1% tolerance to the gauge



SELECTION TABLES

**Table A –
Process Connection**

Process Connection	Size	Code
Threaded – male NPT	1"	08

**Table B –
Type**

Description	Code
All welded flush mini-seal	330

**Table C –
Diaphragm Materials**

Materials	Code
316L stainless steel	S

**Table D –
Instrument Connection**

Instrument Connection	Size	Code
Threaded – female NPT	1/4 NPT	02T
Threaded – female NPT	1/2 NPT	04T

Table E – Filling Fluid

Fill	Service	Connection to Instrument	Temperature Range °F	Code
Glycerin	Pressure	Direct Only	0/400	CG
Silicone	Pressure/Vacuum	Direct or Flexible Line	-40/600	CK
Halocarbon	Pressure/Vacuum in presence of strong oxidizing agent	Direct or Flexible Line	-70/300	CF
Syltherm	Pressure	Direct or Flexible Line	-40/750	HA

TO ORDER THIS TYPE 330 FLUSH MINI-SEAL ASSEMBLY:

1. From **Table A**...select PROCESS CONNECTION SIZE (e.g., 08 for 1" male NPT)
2. From **Table B**...select TYPE (e.g., 330 for all welded flush mini-seal)
3. From **Table C**...select DIAPHRAGM MATERIAL (e.g., S for 316L stainless steel)
4. Next...insert X (Which indicates no lower housing)
5. From **Table D**...select INSTRUMENT CONNECTION SIZE (e.g., 02T for 1/4" female NPT)
6. From **Table E**...select FILLING FLUID, if diaphragm seal will be attached to instrument (e.g., Glycerin – CG)

Coded order: 08-330-SX-02T-CG

Consult factory for guidance in product selection
Phone (203) 385-0217, Fax (203) 385-0602 or
visit our web site at www.ashcroft.com