

WELDED MINI-SEAL

REOTEMP Welded Mini Seals are ideal for applications where a gauge or general purpose transmitter cannot be installed directly into the process media. REOTEMP mini seals are a one-piece, all-welded construction that offer a durable, economical choice for protecting a pressure instrument from corrosion, clogging, or high process temperatures.

DIAPHRAGM SEALS



SPECIFICATIONS

Materials Upper Housing: 316SS.
Diaphragm: 316SS Hast C-276, Monel.
Lower Housing: 316SS, Hast C-276, Monel

Process Temperature Limits	MS4	-40°F/300°F
	MS6/7	-40°F/400°F
	MS8	-110°F/750°F

Ambient Temperature Limits Determined by the pressure instrument.

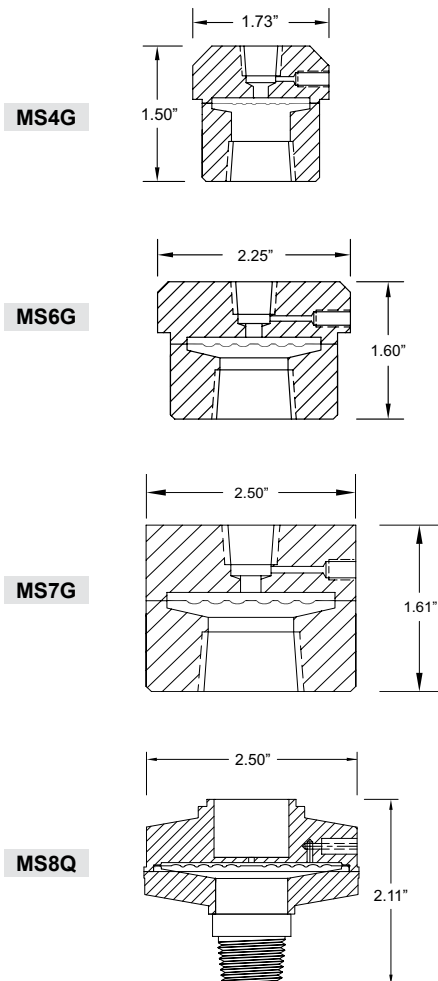
Minimum Recommended Pressure Ranges	MS4	MS6	MS7	MS8
2.5" & 3.5" Gauges	30 psi	15 psi	10 psi	15 psi
4", 4.5", & 6" Gauges	n/a	60 psi	15 psi	30 psi
Transmitter (Gauge Pressure)	15 psi	10 psi	100" WC	150" WC
Transmitter (Differential Pressure)	n/a	n/a	150" WC	300" WC

Maximum Working Pressure at 100°F	316SS	Hast-C	Monel
MS4	2,000 psi	1,000 psi	2,000 psi
MS6	1,000 psi	N/A	N/A
MS7	750 psi	750 psi	N/A
MS8 (1/4 or 1/2" connectors)	5,000 psi	2,000 psi	2,000 psi
MS8 (3/4" or 1")	2,000 psi	N/A	N/A

Weight	MS4	.2 lbs
	MS6	.4 lbs
	MS7	.6 lbs
	MS8	.8 lbs

FEATURES / BENEFITS

- Economical Choice for Protecting a Pressure Instrument from Severe Process Media
- All-welded Design Reduces Fugitive Emission Leaks
- Available with PulsePlus™ Pulsation Dampening
- Tamper Resistant



Height and dimensions may change with alternate process connections and/or flush ports.


WELDED MINI-SEAL

HOW TO ORDER: Choose options to build a part number. For example: **MS4G2F4XS-DTD-AS-PP**

MS4G	2	F4	X	S
SEAL TYPE	INSTRUMENT CONNECTION	PROCESS CONNECTION	FLUSH PORT	MATERIAL
MS4G = Compact Mini Seal MS6G = Standard Mini Seal MS7G = Low Pressure Mini Seal MS8Q = Process Seal <i>Note: If mounting an MS8 to a REOTEMP gauge, use part builder on Page 10.</i>	4 = 1/4" Female NPT 2 = 1/2" Female NPT (MS6 Only) W = Welded Connection (MS8 Only)	F4 = 1/4" FNPT F2 = 1/2" FNPT M4 = 1/4" MNPT M2 = 1/2" MNPT M3 = 3/4" MNPT (MS8 only) M1 = 1" MNPT (MS8 only)	X = None F = 1/4" Female NPT	S = 316LSS H = Hast C-276* M = Monel A400* *See Maximum Working Pressure Table on Page 77 for Material Availability by Seal Type Wetted

DIAPHRAGM SEALS

-DTD	-AS	-PP
INSTRUMENT MOUNT	SYSTEM FILL FLUID	OPTIONS
-DTD = Direct Mount, Threaded -DWD = Direct Mount, Welded -RTR = 6" Cooling Tower -STW = 3" Cooling Tower -A?? = Armored Capillary, Threaded -B?? = Armored Capillary, Welded -W?? = PVC Coated Armor, Welded -P?? = PVC Coated Armor, Threaded Note: ?? = Length in feet (e.g. 05 = 5 feet) See Page 57 for Complete Mounting Guide	-AS = Silicone DC200 -AG = Glycerin USP -BH = Silicone DC704 -C1 = Fomblin Y06 (inert) -C2 = Halocarbon 6.3 See Page 58 for Complete Fill Guide	-PP = Pulse Plus™ (Pulsation Protection) -TS = SS Tag (1-10 Character) -FW = Fill Port Welded Closed -PM = Positive Material Identification Certification
-YYY = Dry Seal, No Instrument	-XX = No Fill Fluid	



Using a REOTEMP Gauge?
 If mounting an MS8 to a REOTEMP gauge, use the part builder on Page 10 or the online configurator at reotemp.com/configurators