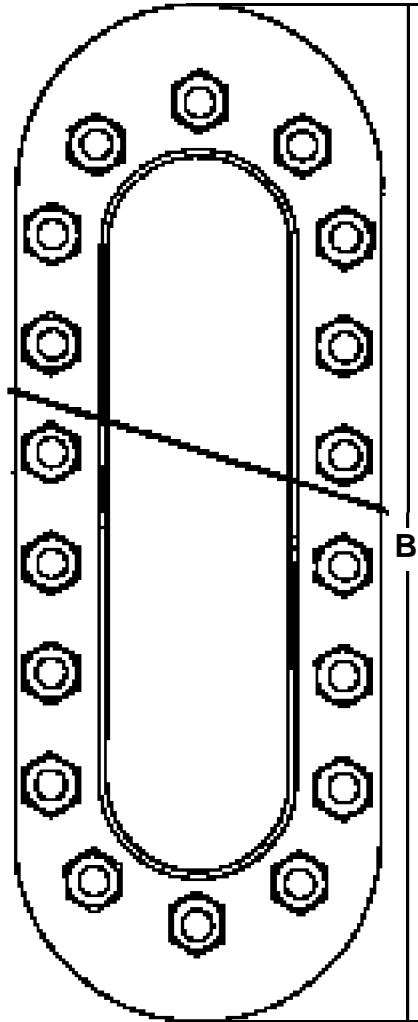


OBROUND WELD PAD GAGES

Glass Lens Series WP

RATED TO 150 PSIG @ 500°F (1034 kPa @ 260°C)



MODEL NO.	VIEW Size (± 1/8")		Outside Pad Dimensions (±1/8")			
			Width	Length	Thick.	O.A.H.
	inches	(mm)	in (mm)	in (mm)	in (mm)	in (mm)
WP1-6	1 x 6	(25 x 152)	3.5 (89)	9.5 (241)	1.2 (30)	3.3 (84)
WP1-12	1 x 12	(25 x 305)	3.5 (89)	15.5 (394)	1.2 (30)	3.3 (84)
WP2-6	2 x 6	(51 x 152)	5 (127)	10 (254)	1.5 (38)	3.8 (97)
WP2-12	2 x 12	(51 x 305)	5 (127)	16 (406)	1.5 (38)	3.8 (97)
WP2-18	2 x 18	(51 x 457)	5 (127)	22 (559)	1.5 (38)	3.8 (97)
WP2-24	2 x 24	(51 x 610)	5 (127)	28 (711)	1.5 (38)	3.8 (97)
WP3-6	3 x 6	(76 x 152)	6 (152)	11 (279)	1.5 (38)	3.8 (97)
WP3-12	3 x 12	(76 x 305)	6 (152)	17 (432)	1.5 (38)	3.8 (97)
WP3-18	3 x 18	(76 x 457)	6 (152)	23 (584)	1.5 (38)	3.8 (97)
WP3-24	3 x 24	(76 x 610)	6 (152)	29 (737)	1.5 (38)	3.8 (97)
WP4-6	4 x 6	(102 x 152)	7 (178)	11 (279)	1.5 (38)	3.8 (97)
WP4-12	4 x 12	(102 x 305)	7 (178)	17 (432)	1.5 (38)	3.8 (97)
WP4-18	4 x 18	(102 x 457)	7 (178)	23 (584)	1.5 (38)	3.8 (97)
WP4-24	4 x 24	(102 x 610)	7 (178)	29 (737)	1.5 (38)	3.8 (97)

Specify INFERNO Obround Weld Pad Gages for attachment to pressure vessels and non-Code tanks when a large view is required.

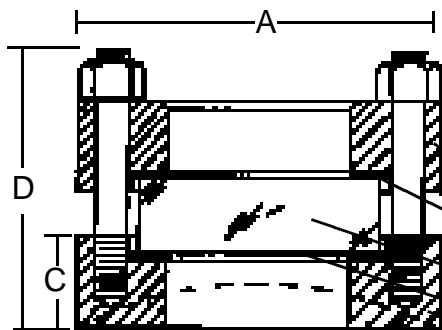
INFERNO WP Series employ an extra-heavy 1-1/2" thick cover flange to reduce flange "dishing" caused by overtightening the bolting. The thicker flange acts like a stronger beam to provide better glass support (flatter bearing surface). A flatter support reduces point loading which can cause glass breakage during fit-up or service. Compare INFERNO cover thickness to other brands with 3/4" or 1" thick cover plates. Thicker is better.

We recommend using an elastomer type Sealing Gasket such as EPDM or Viton instead of a hard material such as TFE or compressed Non-asbestos fiber. The softer gasket seals with less bolt load which puts less stress on the glass. Harder gaskets may be used but require higher bolt loading and a flatter metal seat in the Welding Pad. Re-machining seat may be necessary after fabrication. Service is better with a soft seal.

See Instructions A90279 for recommendations on installation.

Where conditions permit see also INFERNO Series WPX with plastic lens.

Options include flat gasket seat and rounded inside corners for rubber lining, internal wash nozzles, outer safety shield, custom size view, special materials, etc.



Optional Curved to Fit
(specify diameter)

PART

NUT
STUD
COVER FLANGE
CUSHION
LENS
SEALING GASKET
WELDING PAD

POPULAR MATERIALS

SA193 2H Zn plated, Gr8, Gr8M
SA194 B7 Zn plated, B8, B8M Class 2
SA516-70, SA240 T304, T316
Non-Asbestos Compressed Fiber
Tempered Borosilicate Glass
EPDM, Viton, Silicone Rubber, TFE
SA516-70, SA240 T304(L), T316(L)

INFERNO

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