

RNDC RUPTURE PANEL

Oseco's RNDC is ideal for high-cycling applications.

Oseco's RNDC Rupture Panel is a domed, round design that withstands higher positive or negative system operating pressures than flat panel designs. Panel frame vacuum support bars that may restrict flow are not required. The RNDC is well-suited for high-cycling service.

Utilizing our in-house laser and specially designed hydraulic presses, Oseco has dedicated an entire manufacturing facility solely for the development and manufacture of rupture panels.

Should your application require an advanced crowned (RNDC) rupture panel, let Oseco meet your needs.



RNDC RUPTURE PANEL SPECIFICATIONS

SIZE INCHES (mm)	STANDARD ANGLE FRAME I.D.	RELIEF AREA in ² (m ²)	RUPTURE PRESSURES AVAILABLE			
			FLUOROPOLYMER SEAL PSIG @ 72° F		ALUMINUM SEAL PSIG @ 72° F	
			MIN (bar)	MAX (bar)	MIN (bar)	MAX (bar)
8" (200mm)	8.125" (206mm)	45 (0.029)	4.5 (0.310)	10.0 (0.689)	N/A	N/A
10" (250mm)	10.125" (257mm)	72 (0.046)	3.6 (0.248)	10.0 (0.689)	N/A	N/A
12" (300mm)	12.1875" (310mm)	101 (0.065)	3.0 (0.207)	10.0 (0.689)	N/A	N/A
14" (350mm)	14.1875" (360mm)	135 (0.087)	2.6 (0.179)	10.0 (0.689)	N/A	N/A
16" (400mm)	16.25" (413mm)	176 (0.113)	2.3 (0.159)	10.0 (0.689)	N/A	N/A
18" (450mm)	18.25" (464mm)	227 (0.146)	2.0 (0.138)	10.0 (0.689)	N/A	N/A
20" (500mm)	20.25" (514mm)	279 (0.180)	1.8 (0.124)	10.0 (0.689)	N/A	N/A
24" (600mm)	24.25" (616mm)	415 (0.267)	1.5 (0.103)	10.0 (0.689)	7.7 (0.531)	10.0 (0.689)
28" (700mm)	28.25" (718mm)	530 (0.342)	1.5 (0.103)	10.0 (0.689)	6.7 (0.462)	10.0 (0.689)
30" (750mm)	30.25" (768mm)	650 (0.419)	1.5 (0.103)	10.0 (0.689)	6.2 (0.427)	10.0 (0.689)
32" (800mm)	32.25" (819mm)	754 (0.486)	1.5 (0.103)	10.0 (0.689)	5.8 (0.400)	10.0 (0.689)
34" (850mm)	34.25" (870mm)	855 (0.551)	1.5 (0.103)	10.0 (0.689)	5.4 (0.372)	10.0 (0.689)
36" (900mm)	36.25" (921mm)	955 (0.616)	1.5 (0.103)	9.7 (0.669)	5.1 (0.352)	9.7 (0.669)

Recommended maximum ratio of system operating pressure to rated rupture pressure is:

- 70% for Crowned Panels

Rupture Tolerances:

- $\pm 1/2$ PSI for Panels Rated Above 2 psig.
- $\pm 1/4$ PSI for Panels Rated 2 psig or Less.

ISO 9001

For sizes or pressures not listed, please consult factory.