



PRO+

PRECISION REVERSE OPERATING

The PRO+ is Oseco's high-performance rupture disc for demanding applications

- Sizes 1"-8"
- Standard materials of construction: Hastelloy® C, 316 Series Stainless Steel, Nickel, Inconel® 600, and Monel®
- Well suited for high cycling applications
- Excellent for gas or liquid service applications
- Smooth surface on process side to minimize product build-up
- Non-fragmenting design
- Elevated temperatures up to 900° F
- Non-torque-sensitive when used in Oseco PRDI holder
- Withstands full vacuum (14.7 psi) without separate vacuum support
- Offers 3-D tag on disc and locating pin in PRDI holder to verify correct installation
- Ideal for safety relief valve isolation
- Fluoropolymer liner available on process side
- ASME Approved

PRO+

The Oseco PRO+ (Precision Reverse-Operating) Rupture Disc is designed and manufactured for high performance and demanding rupture disc applications. The PRO+ is a fully opening perimeter-scored design, thanks to the precision scoring delivered by Oseco's unique computerized load cell technology. This process yields a high-performance disc to withstand the most difficult applications, even in corrosion-resistant material such as Hastelloy® C.



COMMON APPLICATIONS

Safety relief valve isolation – High Pressure

OPERATING RATIO

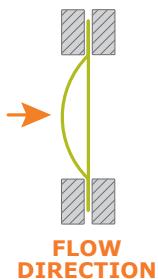
95%

BURST TOLERANCE

±4% above 40 psig
±2 psig at or below 40 psig

MANUFACTURING RANGE

0%



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Related products

SENSORS

AMS

HOLDERS

PRDI

PRDI Insert Rupture Disc Holder Dimensional Data

Size	ANSI Rating	Standard PRDI Height	PRDI Height for Safety Relief Valve Isolation
1"	150	1.75	1.75
1.5"	150	1.75	2.75
2"	150	1.75	3.00
3"	150	1.93	3.94
4"	150	2.31	5.63

PRO+ Min/Max Burst Pressure @ 72° F (psig) / 22° C (barg)

Size			316 S.S.	Nickel	Inconel	Monel	Hastelloy C	
1"	MIN	psig <i>barg</i>	30 2.1	22 1.5	30 2.1	21 1.4	29 2.0	
	MAX	psig <i>barg</i>	400 27.6	400 27.6	400 27.6	400 27.6	400 27.6	
1.5"	MIN	psig <i>barg</i>	15 1.0	14 1.0	15 1.0	14 1.0	23 1.6	
	MAX	psig <i>barg</i>	400 27.6	400 27.6	400 27.6	400 27.6	400 27.6	
2"	MIN	psig <i>barg</i>	9 0.6	8 0.6	9 0.6	8 0.6	9 0.6	
	MAX	psig <i>barg</i>	300 20.7	300 20.7	300 20.7	300 20.7	300 20.7	
3"	MIN	psig <i>barg</i>	9 0.6	8 0.6	9 0.6	8 0.6	9 0.6	
	MAX	psig <i>barg</i>	200 13.8	200 13.8	200 13.8	200 13.8	200 13.8	
4"	MIN	psig <i>barg</i>	9 0.6	8 0.6	9 0.6	8 0.6	9 0.6	
	MAX	psig <i>barg</i>	200 13.8	200 13.8	200 13.8	200 13.8	200 13.8	
6"	MIN	psig <i>barg</i>	7 0.5	6 0.4	7 0.5	6 0.4	7 0.5	
	MAX	psig <i>barg</i>	100 6.89	100 6.89	100 6.89	100 6.89	100 6.89	
8"	MIN	psig <i>barg</i>	CONSULT FACTORY					
	MAX	psig <i>barg</i>						
Max Temp		deg. F deg. C	900 482.2	750 398.9	900 482.2	800 426.7	900 482.2	

Burst Tolerance

±4% above 40 psig	±2 psig below 40 psig
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Free Flow Area/Minimum Net Flow Area (MNFA)

Disc Size (Inch)	Net Flow Area (Sq. In.)
1	0.864
1.5	2.036
2	3.355
3	7.393
4	12.73
6	28.89
8	CONSULT FACTORY



Let us help you with all your pressure relief questions. Contact Oseco at **800-395-3475** or email us at **info@oseco.com**.

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