



POSIPRO Temperature Limits

Girdle Material	Temperature Limit	
	Minimum	Maximum
Fluoropolymer	-25° F	150° F
316 SS	-25° F	400° F

POSIPRO Ranges of Vacuum and Positive Pressure Relief

POSIPRO Rupture Disc Size	Positive Pressure Relief (Inches H2O)				Vacuum Relief (PSIG@ 72° F)			
	FP* Girdle		316 Girdle		Minimum Burst Pressure		Maximum Burst Pressure (VRDI Holder)	
	Range of Starting Relief Points Available		Range of Starting Relief Points Available					
	(In H2O)	(mbarg)	(In H2O)	(mbarg)	(psig)	(barg)	(psig)	(barg)
3" DN 80	1-30	2.5-74.6	6-30	14.9-74.6	11	0.8	150	10.3
4" DN 100	1-30	2.5-74.6	6-30	14.9-74.6	8	0.6	125	8.6
6" DN 150	1-30	2.5-74.6	6-30	14.9-74.6	6	0.4	100	6.9
8" DN 200	1-20	2.5-74.6	6-30	14.9-74.6	5	0.3	75	5.2
10" DN 250	-	-	6-30	14.9-74.6	4	0.3	50	3.4

Example: POSIPRO Required Relief Spread

Operator requests 8" POSIPRO rupture disc with stainless steel girdle to relieve at 25" H₂O positive pressure. POSIPRO will puncture at above 25" H₂O and achieve maximum flow area at or below 31" H₂O positive pressure.

*FP indicates Virgin Fluoropolymeer. PFA, FEP, or PTFE may be product-specific and used at Oseco's discretion.

Positive Burst Pressure Tolerance

6" water column min	12" water column max
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Vacuum Burst Tolerance

±5% above 40 psig	±2 psig at or below 40 psig
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