

### POSIPRO-S Temperature Limits

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

### POSIPRO-S Ranges of Vacuum and Positive Pressure Relief

POSIPRO-S 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)
4" DN 100	1-30	2.5-74.6	6-30	14.9-74.6	11	0.8	150	10.3
6" DN 150	1-30	2.5-74.6	6-30	14.9-74.6	8	0.6	125	8.6
8" DN 200	1-30	2.5-74.6	6-30	14.9-74.6	6	0.4	100	6.9
10" DN 250	1-20	2.5-74.6	6-30	14.9-74.6	5	0.3	75	5.2
12" DN 300	-	-	6-30	14.9-74.6	4	0.3	50	3.4

Example: POSIPRO-S Required Relief Spread

Operator requests 8" POSIPRO-S rupture disc with stainless steel girdle to relieve at 25" H<sub>2</sub>O positive pressure. POSIPRO-S will puncture at above 25" H<sub>2</sub>O and achieve maximum flow area at or below 31" H<sub>2</sub>O positive pressure.

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

### Vacuum Burst Tolerance

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