

### VAPRO Temperature Limits

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

### VAPRO Ranges of Vacuum and Positive Pressure Relief

VAPRO-S Rupture Disc Size	Vacuum Relief (Inches H2O)				Positive Pressure 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)	( <i>mbarg</i> )	(In H2O)	( <i>mbarg</i> )	(psig)	( <i>barg</i> )	(psig)	( <i>barg</i> )
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: VAPRO Required Relief Spread

Operator requests 6" VAPRO rupture disc with fluoropolymer girdle to relieve at 30" H<sub>2</sub>O vacuum. VAPRO will puncture at above 30" H<sub>2</sub>O and achieve maximum flow at or below 36" H<sub>2</sub>O.

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

### Burst Tolerance

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