

# POSIPRO

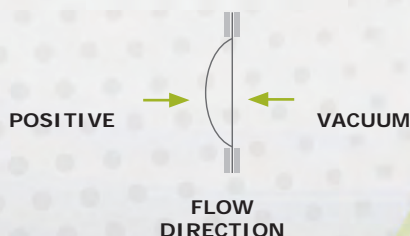
POSITIVE PRESSURE PROTECTION RUPTURE DISC

The Oseco POSIPRO rupture disc is an economical alternative for applications requiring both positive and vacuum pressure protection.

The POSIPRO is used in applications requiring extremely low positive pressure relief. It can activate as low as 6" W.C.

## Oseco's POSIPRO rupture disc provides bidirectional pressure protection.

- Excellent for storage tank pressure protection
- As vessel pressure approaches the disc set pressure, a girdle is loaded until it collapses back past a knife blade assembly opening the seal
- Under vacuum conditions, a perforated metal top section activates at a predetermined set point
- Standard materials of construction: 316 Stainless Steel with a fluoropolymer seal



### Sizes

3" - 10"

### Operating Ratio

Operates to within 1" W.C. at set pressures below 10" W.C., 90% of minimum positive burst pressure 10"-30" W.C. and up to 80% of vacuum burst pressure

### Manufacturing Range

Postive: 6" W.C. Opening Range  
Vacuum: -10%, -5% or 0%



Related Products

HOLDERS  
POSI

POSIPRO  
Technical Specifications

POSIPRO Ranges of Vacuum and Positive Pressure Relief

SIZE inches (metric)	POSITIVE PRESSURE RELIEF (Starting Relief Points)		VACUUM RELIEF (psig @ 72° F)	
	MIN inches W.C. (mbarg)	MAX inches W.C. (mbarg)	MIN psig (barg)	MAX psig (barg)
3" DN 80	6 (14.9)	30 (74.6)	11 (0.8)	14.7 (1.0)
4" DN 100	6 (14.9)	30 (74.6)	8 (0.6)	14.7 (1.0)
6" DN 150	6 (14.9)	30 (74.6)	6 (0.4)	14.7 (1.0)
8" DN 200	6 (14.9)	30 (74.6)	5 (0.3)	14.7 (1.0)
10" DN 250	6 (14.9)	30 (74.6)	4 (0.3)	14.7 (1.0)

Example: POSIPRO Required Relief Spread  
Operator requests 8" POSIPRO with 316 Stainless Steel girdle to relieve at 25" W.C. positive pressure. POSIPRO will puncture at above 25" W.C. and achieve maximum flow area at or below 31" W.C. positive pressure.

POSIPRO Temperature Limits

GIRDLE MATERIAL	TEMPERATURE LIMIT	
	MINIMUM	MAXIMUM
316 Stainless Steel	-25° F	400° F

Let us help you with all  
your pressure relief questions.  
Call us at (800) 395-3475  
or email us at [info@oseco.com](mailto:info@oseco.com).  
[www.oseco.com](http://www.oseco.com)

