



DISC SELECTION GUIDE

A complete portfolio of solutions for all of your chemical processing needs.



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FEATURED



OSECO SAFETY CARTRIDGE™

The Oseco Safety Cartridge is an innovative rupture disc solution designed to eliminate leaks, eliminate installation errors and increase safety. The patented welded design allows the three components of a traditional rupture disc system to be combined into one hermetically sealed component.

	Operating Ratio	K _R Value	Size	Burst Pressure (psig)	Non-Fragmenting	Flow Direction	Service	Vacuum Support Required	Holder
OPR+	95%	0.78 K _R	1-12"	10-1160	Yes		LGV	No	One Piece Unit
	FAS	90%	0.223 K _{RG} 0.19 K _{RL}	1-8"	80-2000	Yes		LGV	No
		95%	0.22 K _{RGL}	1-12"	10-2500	Yes		LGV	No
	90%	0.223 K _{RG} 0.19 K _{RL}	1-24"	40-5000	Yes		LGV	No	FRDI
OPR+/OPK+	95%	0.78 K _{RGL}	1-24"	5-1160	Yes		LGV	No	OPH
(F)CO	80%	0.5 K _{RGL}	11/16-42"	3-1000	Yes		LGV	Yes	FRDI
GTM	90%	0.6 K _{RGL}	1-24"	1-400	No		LGV	Yes	N/A
PLR	90%	N/A	1-12"	2-165	Yes		LGV	No	PRDI
MV-RD	80%	N/A	12x12-36x44"	1-14	Yes	N/A	N/A	No	N/A

Standard materials for rupture discs are 316 Stainless Steel, Nickel 200/201, Inconel 600, Monel 400, Hastelloy C-276.
Standard material for holders is 316 Stainless Steel. Consult factory for other options.

Full product line available at osecoelfab.com

Our Products and Services Provide Complete Peace of Mind

PRODUCT LINE



Oseco Safety Cartridge™
Single piece unit eliminates multiple leak paths



Ultra High Pressure Scored Reverse Buckling Disc Assembly
HPSR: *Single piece unit designed for a burst pressure over 6,000 psig*



High Performance Reverse Buckling Discs
LoKr: *Best-in-class low K_R value*



OPR+/OPK+: *Non-invasive burst detection system*



High Performance Forward Acting Scored Disc
FAS™: *Lowest K_R value available for forward acting discs*



Composite Rupture Disc



Standard Rupture Disc



Explosion Protection



Burst Detection Sensors

SERVICES

Engineering and Maintenance
 Training Seminars

Safety Surveys

Custom Engineered Solutions

Expedited Shipments

Emergency Response Team

24/7/365 Customer Service



Let us help you with all your pressure relief questions.

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