



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 (mm)	Burst Pressure (barg)	Non-Fragmenting	Flow Direction	Service	Vacuum Support Required	Holder
OPR+	95%	0.78 K _R	25-300	0.69-79.98	Yes		Liquid Gas Vapour	No	One Piece Unit
	FAS	90%	0.223 K _{RG} 0.19 K _{RL}	25-200	5.5-137.9	Yes		Liquid Gas Vapour	No
LoKr™	95%	0.22 K _{RGL}	25-300	0.62-137.9	Yes		Liquid Gas Vapour	No	LKR
OPTI-GARD	95%	1.74 K _{RGL}	25-600	0.35-70	Yes		Liquid Gas Vapour	No	REV
OPTI-GARD SOLO	95%	0.8 K _{RGL}	25-150	0.14-4.14	Yes		Liquid Gas Vapour	No	REV
MILLI-GARD	60%	N/A	50-300	3-500 (mbarg)	Yes		Liquid Gas Vapour	Yes	REV
SAFE-GARD	90%	0.68 K _{RL}	15-500	3.1-185	Yes		Liquid Gas Vapour	Yes	STD
FAS	90%	0.223 K _{RG} 0.19 K _{RL}	25-600	2.07-344.7	Yes		Liquid Gas Vapour	Yes	FRDI
FLO-TEL	N/A	N/A	N/A	N/A	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.

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 acting disc assembly

HPSR: Single piece unit designed for a burst pressure over 6,000 psig



High-performance reverse acting discs

LoKr: Best-in-class K_R value



Opti-Gard: Versatile single disc solution



Opti-Gard SoLo: Innovative low pressure disc



High-performance forward acting scored disc

Safe-Gard: Low K_R value



Burst detection sensors



Explosion protection



Pressure gauges

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.

UK office | North Shields
+44 (0)191 293 1234 | uksales@osecoelfab.com

US office | Broken Arrow
+1 (918) 258 5626 | info@osecoelfab.com

osecoelfab.com