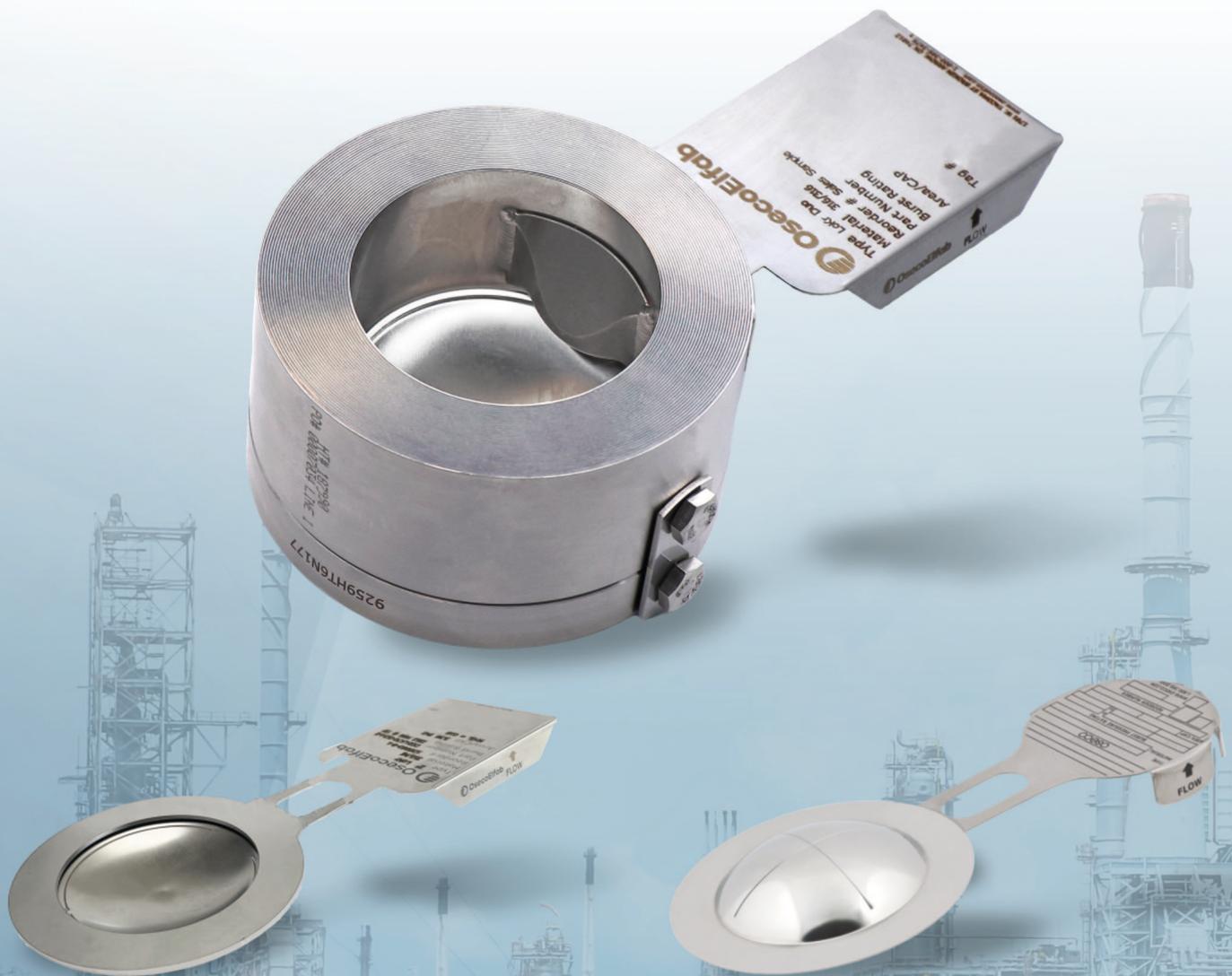




# DISC SELECTION GUIDE

*A complete portfolio of pressure relief solutions for processing applications.*



# DISC SELECTION GUIDE

FEATURED

		Operating Ratio	$K_R$ Value	Size (mm / in)	Burst Pressure (barg / psig)	Non-Fragmenting	Flow Direction	Service	Vacuum Support Required	Holder
	<b>OSECO SAFETY CARTRIDGE™</b> 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.	<b>LoKr</b> 95%	$0.22 K_{RGL}$	25-250 / 1"-10"	0.69-172.3 / 10-2,500	Yes		Liquid Gas Vapour	No	One-Piece Unit
	<b>OPR+</b> 95%	$0.78 K_R$	25-250 / 1"-10"	0.69-79.98 / 10-1,160	Yes		Liquid Gas Vapour	No		
	<b>FAS</b> 90%	$0.223 K_{RG}$ $0.19 K_{RL}$	25-200 / 1" - 8"	5.5-137.9 / 80-2,000	Yes		Liquid Gas Vapour	No		
	<b>LoKr DUO™ SAFETY CARTRIDGE</b> A two-piece safety cartridge that combines the proven advantages of the LoKr Safety Cartridge (best-in-class low $K_R$ , easy installation, and leak-tightness) in a two-piece, modular design. Upgrade your pressure relief performance while reducing waste, installation errors, and leaks and emissions.	95%	$0.22 K_{RGL}$	25-300 / 1" - 12"	0.69-172.3 / 10-2,500	Yes		Liquid Gas Vapour	No	Two-Piece Unit
	<b>LoKr™</b> Technically advanced reverse buckling rupture disc. The best-in-class low $K_R$ value and high Free Flow Area maximises pressure relieving performance while providing superior reliability and extraordinary service life.	95%	$0.22 K_{RGL}$	25-300 / 1" - 12"	0.69-172.3 / 10-2,500	Yes		Liquid Gas Vapour	No	LKR 
	<b>OPTI-GARD</b> Reverse acting, high performance single disc solution across a wide range of sizes and burst pressures.	Up to 95%	$1.74 K_{RGL}$	25-600 / 1" - 24"	0.4-100 / 5.7 - 1,450	Yes		Liquid Gas Vapour	No	REV 
	<b>OPTI-GARD SOLO</b> An innovative, low pressure rupture disc that works reliably even in demanding process conditions.	Up to 95%	$0.8 K_{RGL}$	25-150 / 1" - 6"	0.14-4.14 / 2 - 60	Yes		Liquid Gas Vapour	No	REV 
	<b>MILLI-GARD</b> Designed for ultra-low burst pressure requirements. Can act as a single disc solution for either positive pressure or vacuum protection.	60%	N/A	50-300 / 2" - 12"	3-500 (mbarg) / 0.044 - 7.25	Yes		Liquid Gas Vapour	Yes	REV 
	<b>SAFE-GARD</b> Forward acting rupture disc that combines the versatility of conventional metal discs with the performance benefits of scored technology.	90%	$0.68 K_{RL}$	15-500 / 1/2" - 20"	3.1-185 / 51 - 2,683	Yes		Liquid Gas Vapour	Yes	STD 
	<b>FLO-TEL</b> A reusable burst sensor that is non-invasive to the process and is therefore unaffected by downstream pressure fluctuations or corrosion.	N/A	N/A	N/A	N/A	Yes	N/A	N/A	No	N/A

# Our products and services provide **complete peace of mind**

## SCAN THE QR CODES TO VIEW AND DOWNLOAD OUR BROCHURES

### Product Catalogue



### Corporate Brochure



## PRODUCT LINES



### Emergency Pressure Relief

- Welded Rupture Disc Safety Cartridges™
- High Performance Rupture Discs (Bursting Discs)
- Holders / Double Disc Assemblies



### Explosion Protection

- Explosion panels and burst detection



### Burst Sensors

- Non-invasive, reusable sensors
- Membrane-style sensors



### Installation Tools and Accessories

- Test-Tel
- Tel-Tale / Excess Flow Valve
- System-Loc

## 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](mailto:uksales@osecoelfab.com)

**US office** | Broken Arrow  
+1 (918) 258 5626 | [info@osecoelfab.com](mailto:info@osecoelfab.com)

**[osecoelfab.com](http://osecoelfab.com)**