



DISC SELECTION GUIDE

A complete portfolio of pressure relief solutions for processing applications.



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FEATURED

		Operating Ratio	K _R Value	Size	Burst Pressure (psig)	Non-Fragmenting	Flow Direction	Service	Vacuum Support Required	Holder
	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.	LoKr 95%	0.22 K _{RGL}	1"-10"	10-2,500	Yes	→	Liquid Gas Vapour	No	One-Piece Unit
	OPR+ 95%	0.78 K _R	1"-10"	10-1,160	Yes	→	Liquid Gas Vapour	No		
	FAS 90%	0.223 K _{RG} 0.19 K _{RL}	1"-8"	80-2,000	Yes	→	Liquid Gas Vapour	No		
	LoKr DUO™ SAFETY CARTRIDGE A two-piece safety cartridge that combines the proven advantages of the LoKr Safety Cartridge (best-in-class low KR, 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}	1"-12"	10-2,500	Yes	→	Liquid Gas Vapour	No	Two-Piece Unit
	LoKr™ Technically advanced reverse buckling rupture disc. The best-in-class low K _R value maximizes pressure relieving performance while providing superior reliability and extraordinary service life.	95%	0.22 K _{RGL}	1"-12"	10-2,500	Yes	→	Liquid Gas Vapour	No	LKR 
	OPR+/OPK+ High performance single disc solution across a wide range of sizes and burst pressures. Compatible with our non-invasive, reusable Flo-Tel burst detection.	95%	0.78 K _{RGL}	1"-24"	5-1,160	Yes	→	Liquid Gas Vapour	No	OPR/OPK 
	FAS Forward acting rupture disc with the lowest K _R in the industry, designed for demanding rupture disc applications.	90%	0.223 K _{RG} 0.19 K _{RL}	1"-24"	40-5,000	Yes	→	Liquid Gas Vapour	No	FRDI 
	(F)CO Designed to rupture at very low pressures, consists of a slotted top section and a Fluoropolymer or metal seal.	80%	0.5 K _{RGL}	11/16"-42"	3-1,000	Yes	→	Liquid Gas Vapour	Yes	FRDI 
	GTM Our GraphiTech flat rupture disc is manufactured from resin-impregnated graphite for use in highly corrosive applications.	90%	0.6 K _{RGL}	1"-24"	1-4,000	No	→	Liquid Gas Vapour	Yes	N/A
	FLO-TEL A reusable burst sensor that is non-invasive to the process and is therefore unaffected by downstream pressure fluctuations or corrosion. Compatible with our OPR/OPK disc	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 Vents 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.**

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