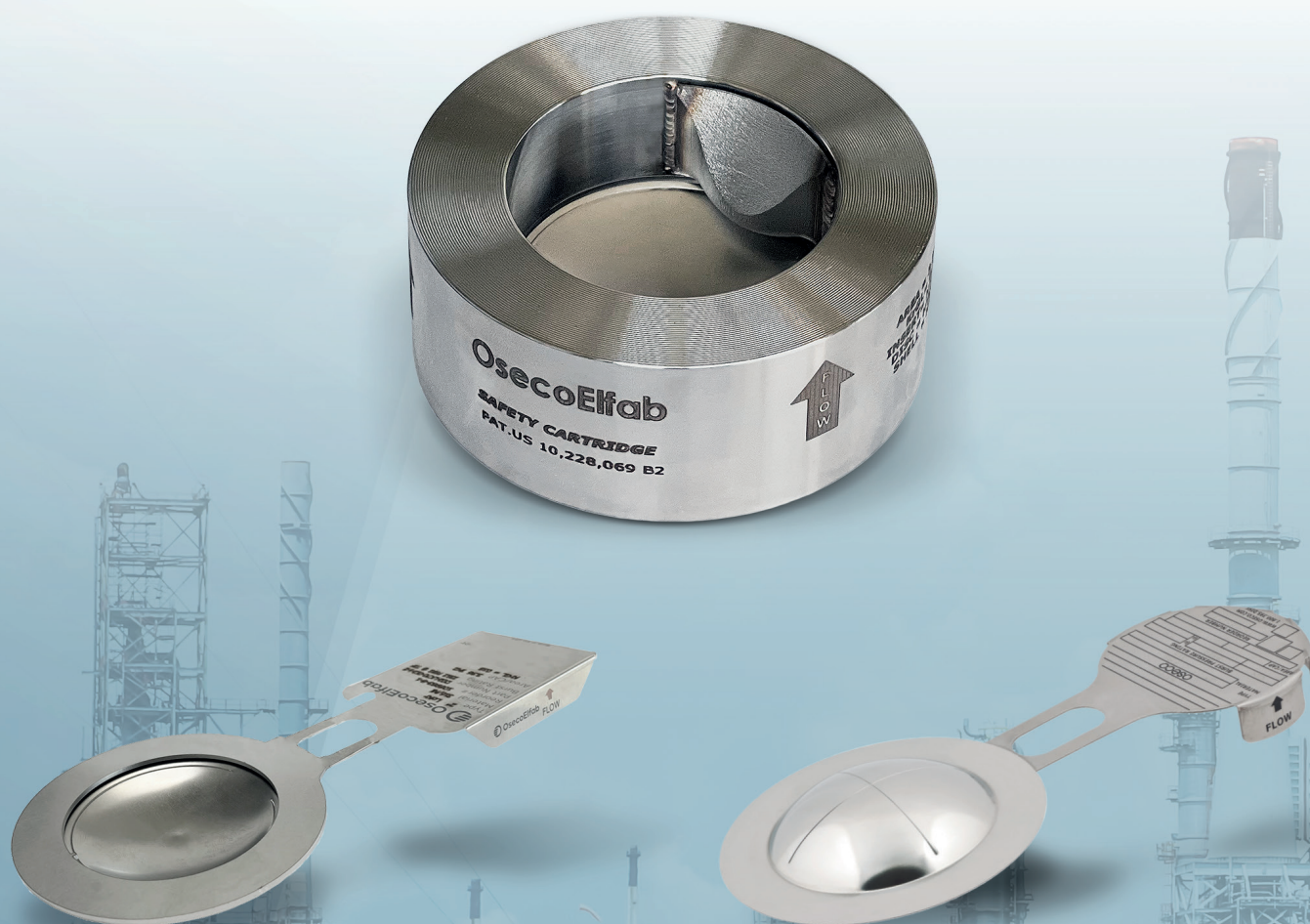




DISC SELECTION GUIDE

A complete portfolio of pressure relief solutions for processing applications.



A Halma company

DISC SELECTION GUIDE

		Operating Ratio	K _R Value	Size (mm / in)	Burst Pressure (barg / psig)	Non- Fragmenting	Flow Direction	Service	Vacuum Support Required	Holder	
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.	LoKr 95%	0.22 K _{RGL}	25-250 / 1"-10"	0.69-172.3 / 10-2,500	Yes		Liquid Gas Vapour	No	One Piece Unit
		OPR+ 95%	0.78 K _R	25-250 / 1"-10"	0.69-79.98 / 10-1,160	Yes		Liquid Gas Vapour	No	One Piece Unit	
		FAS 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	One Piece Unit	
		LoKr™ 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 
		OPTI-GARD 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 
		OPTI-GARD SOLO 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 
		MILLI-GARD 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 
	SAFE-GARD 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 	
	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}	25-600 / 1" - 24"	2.8-344.7 / 40 - 5,000	Yes		Liquid Gas Vapour	Yes	FRDI 	
	FLO-TEL 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	

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



Explosion Protection

- Explosion panels and burst detection



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



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

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