

## Universal Arma-Gard™ (AGS/AGX)

### The only graphite rupture disc to benefit from ATEX-approved, reusable burst detection

**Arma-Gard™** is a non-torque sensitive graphite rupture disc requiring no holder to fit directly between flanges. It's been designed to suit a vast range of customer applications and demanding process conditions. Suitable for low pressure applications Arma-Gard is unique in being the only graphite bursting disc to benefit from Elfab's ATEX- approved, reusable burst detection system Flo-Tel™+. Arma-Gard offers superior protection through the use of a steel armoured ring, which protects the graphite rupture disc from problems such as sidewall burst and damage during installation.

### Overcomes problems associated with traditional graphite discs

Not affected by misaligned, poorly supported pipework, or uneven torque tightening of pipe flange bolts, Arma-Gard is manufactured with a Stainless Steel armoured steel ring to support the graphite disc from any underlying technical or installation issues. Available in **two designs** dependent on temperature and burst pressure, the AGX version offers the unique advantage of been able to withstand extremely low burst pressures as well as enduring very high temperatures. With these industry-leading benefits, Arma-Gard eliminates any underlying issues associated with traditional graphite discs.



### Vacuum support not required above 1.7BarG

Arma-Gard does not require additional vacuum support if the burst pressure is above 24.6Psig (1.7BarG) ensuring widest free flow area on burst. For lower burst pressures a graphite, non-opening vacuum support is offered as standard. Arma-Gard offers excellent corrosion resistance, compatibility with liquid gas or vapour applications and an industry leading 85% operating to burst pressure ratio.

### Cutting costs on rewiring

Arma-Gard is a unique holderless design for ease of installation between industry standard flanges such as PN, ANSI and BS standards. Manufactured with integral magnetic detection, Flo-Tel™+ as standard, this graphite bursting disc offers an even wider range of benefits. As the only ATEX-approved, reusable burst detection system on the market, Flo-Tel has been offering significant cost savings to customers for almost 20 years.

## Leading the industry in advanced quality performance

Elfab pride themselves in offering the highest level of **quality** and are accredited to a number of leading industry standards. Elfab's rupture discs can be manufactured to ISO 4126 or ASME VIII dependent on customers' requirements.

When used in combination Elfab's rupture discs and detection systems can offer industry leading **SIL ratings** to offer customers increased safety information. Please contact our technically trained sales engineers for more information.

- Extremely low pressure capability
- Withstand very high temperatures
- Vacuum support not required above 1.7Barg
- Manufactured to ISO4126 or ASME VIII (UD stamp available)
- Fragmenting bursting disc design
- Suitable for liquid, gas and vapour applications
- Compatible with reusable detection systems Flo-Tel™ and Flo-Tel™ xd