

Marston

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Worldwide Regional Offices

As part of Marston's commitment to serving its customers, several regional offices have been established across the world. Local representatives are also available for consultation throughout the world. For contact details please visit Marston's website at www.imimarston.co.uk.

LOCAL DISTRIBUTOR

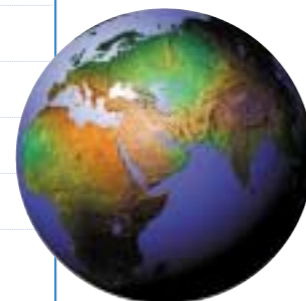
Simply photocopy and fax to us for more information on...

- Conventional discs
- Reverse buckling discs
- Graphite discs
- Explosion vent panels
- Technical guide for bursting discs

Name: _____
Position: _____
Company: _____
Nature of business: _____
Address: _____

Post Code: _____
Country: _____
Tel No: _____
Fax No: _____
E-mail: _____

Fax back to us on:
+44 (0)1902 623555



BS EN ISO 9001



Q 06285

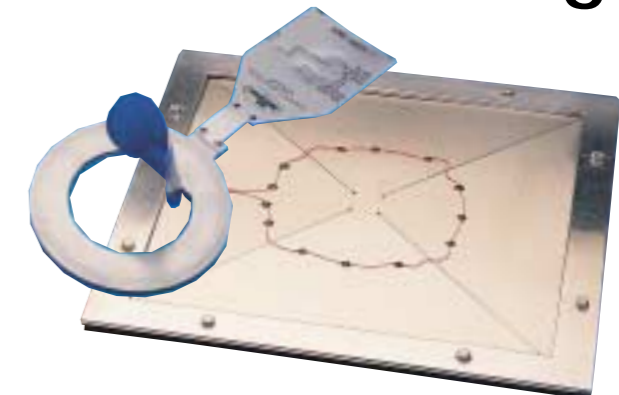
Catalogue No. MAOV1001

Marston



Marston Product Range

Bursting Discs
and Explosion
Vent Panels



FEATURES & BENEFITS

- Worldwide certification
- In house research and development
- Wide range of materials
- Fail safe designs
- Specially engineered solutions
- Extensive accessory range
- Laser technology
- Independently tested and approved
- Design verification assured
- Suitable for any application
- Additional safety
- Meeting the demands of challenging applications
- Adaptable for application requirements
- Accurate manufacture

TESTING

Bursting discs produced by Marston are batch tested in accordance with relevant British or other National standards and a certificate is supplied for each batch of discs. Marston also offer a wide range of technical resources including high temperature testing, helium leak testing, fluid flow and metallurgical laboratories, pressure cycling and radiographic inspection.

APPLICATION

Marston provide pressure relief safety devices to an ever increasing range of industries. Below are a few examples of typical application areas where Marston have forged their impressive reputation:

- Chemical and petrochemical plants.
- Chemical processing.
- Compressed gas technology.
- Road and rail transport.
- Brewing.
- Food processing.
- Grain Storage.
- Pharmaceutical manufacture.

INTERNATIONAL STANDARDS

Marston pride themselves on designing and producing safety products to the highest possible quality. The company sets itself extremely high standards, as it believes its customers should expect no less. Marston's products carry a wide range of approvals and comply with the most stringent international standards and customer specifications including ISO 9001, BS2915, ASME V111, ASME UD, AD Merkblatt A1, ISPEL, TUV, Urzad Dozoru Technicznego and the Chinese Safety Quality License.

WHY CHOOSE AN MARSTON BURSTING DISC OR EXPLOSION VENT PANEL?

The effects of an unvented system can be catastrophic. Marston has the technology, expertise and flexibility to design and supply highly specialised products to eliminate the financial and human costs of pressure related incidents. Thousands of Marston customers experience the benefits of Marston's proven performance, global technical support and unrivalled customer service. They know that in Marston they have a company who they can rely on and a supplier that cares.

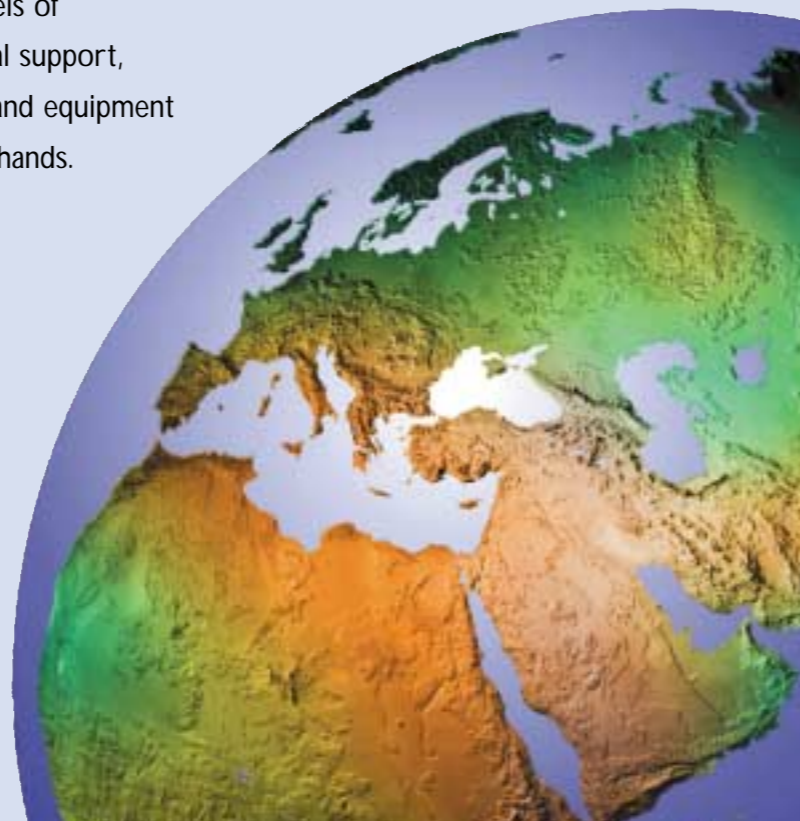


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Marston has built its reputation not only through the quality of its products but also through the commitment and dedication shown to its customers. Marston's team of highly skilled Application Engineers can review individual customer specifications to provide quality, cost effective solutions. This ensures that every bursting disc or explosion vent panel offered is the best technical solution for the required duty. This kind of dedication to complete customer satisfaction is why Marston products are currently at work all over the world, protecting pressurised systems and plant 24 hours a day.



Marston's customers know that in Marston they have a name they can rely on to provide exemplary levels of performance and technical support, ensuring that their plant and equipment are in the safest possible hands.



Bursting Discs and Explosion Vent Panels

Marston is a leading manufacturer of pressure relief and explosion protection devices known as bursting discs (or rupture discs) and explosion vent panels, providing safe and instantaneous relief in an ever increasing range of application requirements.

Marston's team of Application Engineers possess unrivalled expertise and experience, enabling them to assess each customer's individual specifications and design a high quality, cost effective solution.



PRODUCT TYPE

- **Bursting Discs** - a bursting disc is a non-reclosing device that is designed to burst or rupture at a predetermined pressure, thus relieving a dangerous build up of pressure or vacuum, protecting plant, pipework or vessels from unacceptable levels of pressure or vacuum.

Marston produce several types of bursting disc including:

Conventional Discs: often referred to as forward acting discs, ideal as a multi-purpose and low cost solution.

Reverse Buckling Discs: These discs offer extended service life, particularly within pressure cycling duties. Ideal for relief valve protection.

Graphite Discs: Provide ideal low pressure protection for highly corrosive process media applications.

- **Explosion Vent Panels:** Designed to provide low pressure protection against the effects of dust or gas explosions. In the event of an explosion a correctly sized panel will open almost instantaneously to minimise the effects of the blast.



PRESSURE & TEMPERATURE

While the majority of relief applications are within our range of 0.04 barg (0.58 psig) to 1200 barg (17400 psig) and -200°C to 3000°C (-328°F to 5432°F) our vast expertise in bursting disc technology often enables us to extend these parameters.

MATERIALS

We manufacture bursting discs and explosion vent panels in a wide variety of materials, including Aluminium, Nickel, Monel 400, Inconel 600, Hastelloy, Stainless Steel 316, Tantalum, FEP, PTFE, PFA and Graphite.

FEATURES & ACCESSORIES

A wide range of special features and accessories are available, designed to suit system requirements. The range includes bursting disc holders, welded assemblies, burst disc indicators, excess flow valves, vacuum supports, heat shields, corrosion resistant coatings and linings.