



Never Compromise

Sanitary Pressure Relief Solutions



A **Halma** company

Never compromise on safety or performance

Your company relies on you to support its life-saving and life-changing work. You rely on your process design and equipment to consistently deliver the highest quality product. And you will never compromise on safety or efficiency.

Our unique pressure relief solutions are designed for environments where protection from contamination is critical. They meet the relevant FDA, USP VI, ASME BPE and 3A Standard requirements, and are CIP/SIP compatible. We rigorously test every product, giving you confidence in the safety, quality, efficiency, and compliance of the pressure relief systems in your aseptic and hygienic processes.

Improve efficiency and reduce cost with solutions you can trust

- **Increase product throughput:** High operating ratios up to 95% and tight burst tolerances of +/-5% enable greater process efficiency.
- **Reduce replacement costs:** Pure-Gard can be installed independent to the gaskets and remains in place for up to three years.
- **Prioritize safety:** Our high-performance solutions alleviate potentially dangerous pressure build-up to ensure your processes are safe.
- **Respond to industry changes:** In-house R&D and testing means we can quickly develop and manufacture new designs.



Durable and easy-to-clean for a safe, compliant workplace



Sanitary API rupture discs

- Non-torque sensitive discs available
- Meets FDA, USP and 3A standard requirements
- Standard surface finish of 0.4 µm Ra (15 microinches) or better
- Electropolishing to ASME BPE standards available
- Suitable for CIP and SIP processes
- Non-fragmenting design
- Oxygen cleaning available



Sanitary rupture discs for ferrule connections

All the benefits of the sanitary API discs, plus:

- Robust, proprietary design is less sensitive to misaligned piping
- Compatible with industry standard ferrule and NovAseptic®* connections
- Gaskets meet USP Class VI requirements
- Gaskets are certified free from animal derivatives
- Gaskets conform to DIN EN 10204:2.1

*NovAseptic is a registered trademark of Millipore Corporation

In addition to these products, we also offer custom pressure relief solutions for specialized process requirements. Please contact us for more details.



Pure-Gard®: Welded sanitary rupture disc cartridge

All the benefits of the sanitary API and ferrule discs, plus:

- Crevice-free design
- 3-year warranty as standard
- Industry-leading 3% tolerance
- Hygienic and aseptic nature proven in an independent riboflavin test
- Simplify maintenance by using your preferred, in-house gaskets
- Change gaskets as often as needed without having to change the disc
- Disc is protected from damage



Sanitary burst sensor

- Only non-invasive, re-usable sanitary sensors on the market
- Reduced risk of contamination
- No leak paths
- No false alarms due to pressure fluctuations
- No re-wiring after disc activation
- Membrane-style sensors also available



Our solutions meet the requirements for:

FDA
USP Class VI
3A Standard
ASME BPE

US Manufacturing and Office

T: +1 (918) 258-5626
E: info@osecoelfab.com

Brazil

T: +55 71 99997 5517
E: info@osecoelfab.com

China

T: +60 12 290 8258
E: info@osecoelfab.com

India Sales Office

T: +91 99012 48725
E: indiasales@osecoelfab.com

Italy Sales Office

T: +39 (0) 348 781 1128
E: info@osecoelfab.com

UK Manufacturing and Office

T: +44 (0)191 293 1234
E: uksales@osecoelfab.com

Malaysia

T: +60 12 290 8258
E: info@osecoelfab.com

Poland

T: +48 (22) 65 38 60
E: info@osecoelfab.com

Singapore Sales Office

T: +65 9111 9372
E: singaporesales@osecoelfab.com

