



*The PRO-S is Oseco's
streamlined hygienic
low-pressure reliever.*



PRO-S[®]

PRECISION REVERSE-OPERATING
HYGIENIC • RUPTURE • DISK

PRO-S *PRECISION REVERSE-OPERATING HYGIENIC RUPTURE DISK*

Oseco's PRO-S brings our high-performance reverse-buckling disk technology to a new level of low-pressure reliability. With burst pressures as low as 16 psig, the PRO-S is the "problem-solver" disk for pharmaceutical and biochemical manufacturers and food processors.

The PRO-S is precision-scored on its vent side utilizing Oseco's unique computerized load cell technology, enabling its smooth side to face your process materials with minimal product buildup.

The PRO-S does not require special liners or "baked-on" coatings, so it operates smoothly in hygienic-controlled FDA-sensitive environments, at up to 90% of its burst pressure. It is recommended for either liquid or vapor processes.

The PRO-S is nonfragmenting, temperature-tested, and vacuum-ready. Find out how the PRO-S can demonstrate the Oseco Advantage by solving problems for your plant today!



OSECO PRO-S Precision Rupture Disk

- **Standard Sizes:** 1" to 4" diameter.
- **Standard Materials:** Stainless steel 316, with gaskets in a choice of FDA-approved elastomers: white or red silicone, Viton®, or EPDM. Other materials are available upon request.
- **Standard Burst Pressures:** 16 psig to 150 psig. Minimum and maximum burst pressures are listed for all standard sizes.
- **Manufacturing Range:** All Oseco PRO-S disks are designed to meet a standard zero manufacturing range.
- **Temperature Range:** 32 °F to 450 °F for silicone gaskets. Maximum temperature for Viton® is 400 °F and for EPDM is 300 °F.
- **Tolerance:** 5% for requested burst pressures of 40 psig or more (2 psig for requested burst pressures below 40 psig).
- **Operating Ratio:** The PRO-S can be exposed to operating pressures up to 90% of the stamped burst pressure. The PRO-S is excellent for high-cycling applications.
- **Vacuum Service:** The PRO-S withstands full vacuum and requires no vacuum support.
- **Damage Ratio:** If damaged the PRO-S will still burst at or below its marked burst pressure.

Viton® is a registered trademark of DuPont Dow Elastomers, L.L.C.

PRO, PLR, and OSECO are registered trademarks, and PRO-S and OSS are trademarks, of Oklahoma Safety Equipment Co., Inc.

The PRO-S is easy to install, with its new three-dimensional disk nameplate and its elastomer gaskets. Simply follow the supplied installation instructions.

The PRO-S does not require any special disk holders, as it fits within standard ferrule connections, making it ideal for hygienic service applications.

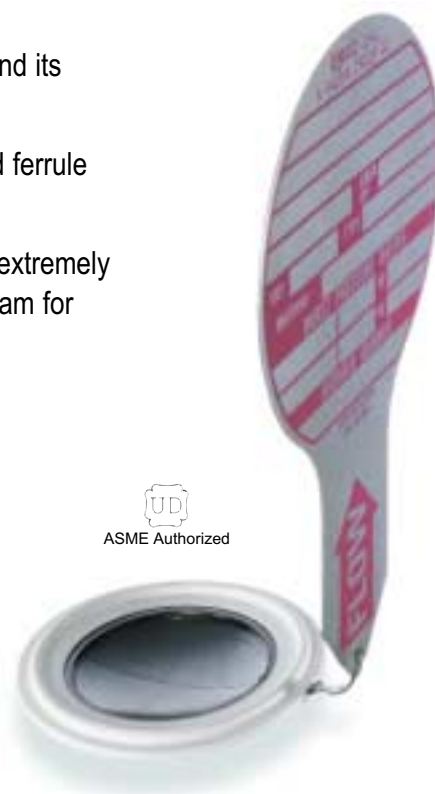
With Oseco's unique in-house technologies, the PRO-S can be provided with extremely quick delivery in the case of emergency orders. Ask about our SureShip program for emergency response and find out how much downtime we can save you.

TABLE 1

**Minimum and Maximum Burst Pressure for
Stainless Steel 316 PRO-S Rupture Disks at 72° F***

Line Size inches	Min Pressure psig	Max Pressure psig
1.0	40	150
1.5	32	120
2.0	27	90
3.0	20	75
4.0	16	70

*Other materials are available upon request. Pressures outside standard range are also possible. Consult the Oseco factory for availability.



SENSORS

The Oseco PRO-S can be used in conjunction with Oseco's standard OSS™ sensor, equipped with elastomer gaskets for hygienic service. Please contact Oseco for details.

HOLDERS

The PRO-S does not require any special disk holders, as it fits within standard ferrule connections, making it ideal for hygienic service applications.

Trust . . . the Oseco Advantage

PERFORMANCE

Oseco manufactures rupture disks, panels, and other pressure relief products in two climate-controlled, state-of-the-art facilities, considered by many the finest in the world industry-wide. Computerized load cells, used to manufacture our high-performance rupture disks, provide technology so precise that we can control scoring to within millionths of an inch. You've come to expect accuracy, dependability, and repeatability from Oseco.

QUALITY

Only Oseco uses single-craftsperson responsibility: the maker's signature on each and every order assures you we have enough pride in our work to take credit for it. This, coupled with a quality control program that exceeds the requirements of ISO 9001, promises you that Oseco's products are made with the highest quality in the industry.

RESPONSE

Orders for most custom-made products are shipped from Oseco within three weeks of receiving the order. Oseco utilizes its own in-house, five-axis laser, which allows us to provide reduced delivery times for emergency SureShip orders. In many cases, same-day service is available!

SERVICE

Oseco's company-owned, employee-operated laser gives us control over production and gives you the fastest delivery available. Its precise, repeatable trimming technology also makes available unique new designs, such as our low-pressure PLR. After all, Oseco's goal is to provide you, the customer, with the best response, quality, and overall performance for your rupture disk needs.

Let us prove our commitment to this goal: contact your local Oseco representative and ask us for a Rupture Disk Review. Your representative and a factory technician will review all of your pressure applications, suggest changes as applicable, and give you a competitive quotation at no cost, guaranteed to save you money.

TRUST OSECO TO PROVIDE YOU WHAT YOU NEED MOST: VALUE!

Visit the Oseco website at www.oseco.com, write us at info@oseco.com, or call us toll-free at 1.800.395.disk for more information or to receive your free Rupture Disk Review.

**OSECO**

A handwritten signature in blue ink, reading "Joe Ragosta".

Joseph M. Ragosta
President, Oseco

Made in the USA Since 1981

OSECO, INC.

OSECO
1701 West Tacoma, **Broken Arrow, Okla.** 74012, U.S.A.
voice 1.918.258.5626 • fax 1.918.251.7662

EUROPE: OSECO EUROPE BV
Box 23, 8330AA **Steenwĳk, the Netherlands**
voice 31.521.522.578 • fax 31.521.510.405

ASIA: HALMA ASIA OSECO DIVISION
Pantech Complex, Block 192 Pandan Loop #501, **Singapore** 128381
voice 65.745.2936 • fax 65.745.0467

www.oseco.com • 1.800.395.disk • info@oseco.com

HALMA
GROUP
COMPANY