

# FM-S RUPTURE DISK

The FM-S is another Oseco innovation: the first flat bidirectional high-performance rupture disk for pharmaceutical and hygienic industries. The FM-S is constructed of stainless steel 316 with gaskets in a choice of FDA-approved elastomers, and it fits within standard ferrule connections. This sanitary design is achieved by using Oseco's state-of-the-art laser technology and ensures suitability for your hygienic applications. The FM-S may be operated to 60% of set burst pressure with excellent service life.

*The FM-S is Oseco's first flat bidirectional high-performance rupture disk for the pharmaceutical industry.*



### Oseco's FM-S Rupture Disk

- Standard sizes: 1" to 4".
- Standard materials: 316 Stainless Steel.
- FDA-approved gaskets available in silicone or EPDM.
- Flat-metal low-pressure service.
- Bidirectional design fit to standard ferrule connections.
- Temperature range for the FM-S is 32° F to 450° F for silicone gaskets. Maximum temperature for Viton® is 400° F and 300° F for EPDM.

**TABLE 1**

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

Line Size inches	Min Pressure psig	Max Pressure psig
1.0	10	80
1.5	8	60
2.0	5	40
3.0	4	30
4.0	3	20

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