



Additional Instructions for "CE" Marked Products – FASS Family

OVERVIEW: The information listed in this document must accompany the Installation Instructions for the OSECO Product Lines approved for the CE symbol. This information will address the possible residual hazards of OSECO's approved products in accordance with the requirements of the PED and EN ISO 4126-2.

FASS, Forward Acting, Tension Loaded, Sanitary Rupture Disk for Tubing Fittings, No Holder

The FASS rupture disk is designed to be a fail-safe product line that if installed upside down in either the tubing fitting or installed correctly in the tubing fitting and the assembly is installed upside down, the disk will burst below the name plate rating. Thus, the system pressure will never be greater than the name plate rating of the FASS rupture disk protecting the system without rupturing the disk in either the forward or reverse direction.

This same course of action will occur if the FASS is damaged in some manner, i.e., some object impacts the FASS disk dome changing the stress resisting characteristics. Examples of this type of damage are placing the disk dome on a work surface, resting hand tools on the disk dome, dropping the disk on edge, etc. These examples are listed for illustration only and do not preclude other similar actions during the handling of the FASS rupture disk. These actions cause the disk to burst lower than the name plate rating, whether the disk is subjected to positive pressure or back pressure.

The FASS is a non-fragmenting rupture disk due to the scoring technology and heat treatment utilized in fabricating this rupture disk. This technology combination prevents FASS fabrication of the Tantalum, Titanium and Zirconium materials.

Service life for the FASS rupture disk is defined as the number of cycles achieved from atmospheric pressure to ninety (90) percent of the disk rating. This is typically the reform pressure used in the final stage of the manufacturing, which sets the burst pressure for a lot of rupture disks. FASS disks rated near the minimum burst pressure for a given size and material will cycle approximately 1,000 times. Disks rated higher, near the maximum burst pressure for a given size and material will cycle approximately 70,000 times.