



## **Additional Instructions for "CE" Marked Products – FLCO 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.

### **Flat Composite Rupture Disks, Holderless, FLCO**

These composite rupture disks are bi-directional, i.e., have the same burst pressure in either direction. Thus this rupture disk may also be classified as a fail-safe rupture disk. It is designed to fit between companion piping flanges, within the bolt circle of these flanges.

This rupture disk design is less prone to damage during handling than other rupture disks. However, care must be taken to avoid impacting the fluoro-carbon sealing membranes with sharp objects. This will cause a leak path to occur and prevent the rupture disk from opening as it is designed to open upon bursting.

The FLCO rupture disk is a non-fragmenting rupture disk because of the tear drop structure used to secure the central portion of the rupture disk upon bursting. This patented feature is available in all materials offered.

Service life for the FLCO rupture disk is defined as the number of cycles achieved from atmospheric pressure to fifty (50) percent of the disk rated pressure. The FLCO rupture disk will cycle approximately 5,000 times between the above listed limits before fatigue failure occurs.