



TECHNICAL DATASHEET

# SU/M Sealed Units

## Easy and Reliable Rupture Disc Mounting for Industrial Plants

DonadonSDD SU/M sealed units are designed to make mounting rupture discs in industrial plants easy and reliable. DonadonSDD offers an extensive line of bursting disc devices designed to satisfy the pressure relief requirements found in many processing industries. Where customer applications require a specific approach, DonadonSDD is ready to study and produce a 100% customized product.

High Certification Standards: Our rupture discs are certified to meet the highest international standards, including PED 2014/68/UE (CE STAMP), PER 2016 UK Statutory Instruments 2016 No 1105 (UKCA STAMP), and CU TR 032 (EAC STAMP).

### Keyfeatures & technical benefits

**Technique:**

These units are formed by a threaded connector with two pieces, containing a calibrated rupture disc that is inserted and sealed in the container.

**Connections:**

Available in several sizes (starting from 1/4") and standard connection (NPT, GAS, BSPP, BSPT, UNF), specific customizations are also possible.

**Corrosion-Resistant:**

Wide range of materials and thickness options.

### Why Choose DonadonSDD?


- Recommended for protection of plants, plant equipment, and containers
- DonadonSDD SU/M sealed units are designed to make rupture disc mounting easy and reliable, simplifying handling, and eliminating the need for specialized personnel.
- The units react to over-pressure in a few milliseconds, providing reliable and efficient protection for industrial plants, plant equipment, and containers

### TECHNICAL DATA

MODEL	SU/M
MATERIALS	Stainless steel, Alloy 400, Alloy C276
RUPTURE PRESSURE	0.5 – 600 bar g (Depending on size and material)
TOLERANCE	from +/- 5 % to +/- 20%
OPERATING TEMPERATURE	up to 500°C
FRAGMENTATION	Yes (Without fragmentation in special execution)
OPERATING MARGIN	Can reach up to 80% depending on service conditions.
RESISTANCE TO VACUUM PRESSURE	No (Vacuum support in special execution)
CORROSION RESISTANCE	Very Good
INSTALLATION	Direct installation

PERFORMANCE ATTRIBUTES

Operation Ratio




up to 80%

Non Fragmenting



no

Vacuum Resistant



usually, no


Sanitary



no


PROCESS MEDIA

Liquid



yes

Vapor/Gas



yes

CERTIFICATIONS

