

TECHNICAL DATASHEET

# GA Rupture Discs

## Safety Devices with High Purity Graphite Material

DonadonSDD offers GA rupture discs that are designed to protect industrial plants where particularly aggressive fluids are processed from sudden pressure variations that can cause severe damage.

GA Rupture Discs can be mounted directly between flanges and are manufactured in pure graphite, impregnated with phenolic resins to guarantee perfect non-permeability. By the nature graphite bursting discs will fragment upon bursting.

### Keyfeatures & technical benefits

#### 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).

#### Technique:

Mounted on a stainless-steel ring, combining the mechanical strength of a steel holder and the characteristics of graphite discs.

#### Easy Installation:

Can be directly inserted between flanges.

#### Features:

Opening is total but with fragmentation; resistant to aggressive fluids (can be protected with a PTFE or PFA membrane too) and low bursting pressure sensitivity to temperature variations.

### Why Choose DonadonSDD?

- Our GA rupture discs are certified to meet the highest international safety standards, providing reliable protection for your industrial plant.
- DonadonSDD GA rupture discs are made of pure graphite, making them suitable for various applications.
- DonadonSDD GA rupture discs can be self-vacuum supporting at set pressures above 1.7 bar g, offering added convenience and ease of use.

### TECHNICAL DATA


MODEL	GA
MATERIALS	Graphite and Stainless steel
DIMENSIONS	From DN25 (1 inch) to DN300 (12 inches)
RUPTURE PRESSURE	0.1 - 15 bar g (Depending on size and material)
TOLERANCE	from +/- 10 % to +/- 20%
OPERATING TEMPERATURE	max 200°C
FRAGMENTATION	Yes
USE IN COMBINATION WITH PSV	No
OPERATING MARGIN	Can reach up to 75% depending on service conditions.
RESISTANCE TO VACUUM PRESSURE	Only for pressures above 1.7 bar g.
CORROSION RESISTANCE	Very Good
LININGS	Available in PTFE and PFA

DonadonSDD is now part of **Baker Hughes** >

HOLDER	Ready to be installed directly between flanges
RUPTURE SENSOR	<a href="#">Electrical</a>

PERFORMANCE ATTRIBUTES

Operation Ratio




up to 75%

Non Fragmenting



no

Vacuum Resistant



Only for pressures above 1.7 bar g.


Sanitary



no


PROCESS MEDIA

Liquid



yes

Vapor/Gas



yes

CERTIFICATIONS

