

TECHNICAL DATASHEET

GM Rupture Discs

Safety Devices with High Purity Graphite Material

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

GM Rupture Discs can be mounted directly between flanges and are manufactured in very high purity 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).

Temperature Resistance:

Able to withstand temperature up to 200°C.

Vacuum Resistance:

A vacuum support is required for rupture pressures below 1.7 bar g.

Features:

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

Why Choose DonadonSDD?

- Our GM rupture discs are certified to meet the highest international safety standards, providing reliable protection for your industrial plant.
- The discs are resistant to aggressive fluids and have low bursting pressure sensitivity to temperature variations, ensuring optimal safety in harsh environments.
- Easy Installation: can be directly inserted between flanges







TECHNICAL DATA

Model	GM
Materials	Graphite
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	Yes, Vacuum Support Required for pressure below 1.7 bar g
Corrosion Resistance	Very Good

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

Linings	Available in PTFE and PFA
Holder	Ready to be installed directly between flanges
Rupture sensor	Electrical

PERFORMANCE ATTRIBUTES

Operation Ratio	Non Fragmenting	Vacuum Resistant	Sanitary	Liquid	Vapor/Gas
 up to 75%	 no	 yes, Vacuum Support Required for pressure below 1,7 bar g	 no	 yes	 yes

PROCESS MEDIA

CERTIFICATIONS

