

AGT Series Bursting Disc

Description

The Fike AGT Bursting Disc combines advanced manufacturing techniques and extensive product design experiences to offer an array of features. It is designed for use in common chemical and pharmaceutical applications, as well as in a wide range of general pressure relief applications.

The AGT Bursting Disc is standard available in corrosion-resistant material and can operate from full vacuum, up to a 95% operating ratio. The low burst pressure range makes the AGT ideal to offer pressure limitation to equipment where compliance with the Pressure Equipment legislation is to be avoided.



Features and Benefits

- Highly corrosion resistant Hastelloy C276® seal with 316 SST support ring
- Full vacuum resistant, no vacuum support needed
- Can operate in gas and liquid applications
- Smooth surface avoids risk for product buildup or cross contamination
- Non-fragmenting opening
- Optimal flow area
- Operates up to 95% of minimum burst pressure

Specifications

Type	AGT Series Bursting Disc (part # D4437-2)	
Action	Reverse acting	
Available size	DN50 (2")	
Disc material	Hastelloy C276® with 316 SST support ring	
Maximum temperature °C	482	
Operating ratio	95% of minimum burst pressure	
Cyclic duty	Yes	
Pulsating duty	Yes	
Full Vacuum	Yes	
Hydraulic Service	Yes	
Liquid Service	Yes	
Vapor/Gas service	Yes	
Nominal Relief Area	2167 mm ²	
Non-fragmenting disc	Yes	
Type holders	XLO (part # 6410413101-S)	Standard in 316 SST, other materials available
	XL	Different materials available

Burst Pressure Range (Barg) at 22°C	Estimated Nominal Burst Pressure at temperature		
	50°C	100°C	150°C
0.43 to 0.49 Barg	0.46 Barg	0.45 Barg	0.43 Barg

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All above data are subject to change without notice. They must not be used unless confirmed in writing.

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