FlatSeal™ Guide 11

Questionnaire Flat Gaskets

Two Methods for Finding the Right Gasket Material

Finding the right material for an application can be approached in two different ways:

1. Find out which gasket material the user has been using successfully so far. If a competitor material is being used, a similar or better performing gasket material can be identified by comparing its technical data. Our internal "Cross-Reference list" can help with this.
2. A technically correct selection of the most suitable gasket material can be made by precisely considering the application. For this purpose, the points listed in the following questionnaire should be answered together with the user.

Questionnaire

Application parameters				
Media:				
Temperature:	min/max [°C]	/	min/max [°F]	/
Max. Pressure:	[bar]		[psi]	
Geometry circular				
Inner-∅	[mm]		[in]	
Outer-∅ (Raised face)	[mm]		[in]	
PCD	[mm]		[in]	
Bolt hole-∅	[mm]		[in]	
Geometry complex				
Compressed Surface:	[mm²]		[in²]	
Embedded Surface:	[mm²]		[in²]	
Bolts/Assembly				
No. of Bolts:				
Size of Bolts:				
Material of Bolts:				
Tightening Torque:	[Nm]		[lbf ft]	
Friction Coefficients:	µ Thread		µ Bolt/Nut Head	
Remarks:				

Gasket Geometry

The concrete geometry of the gasket is an elementary part of the design of the sealing system. Add a drawing, sketch or file to the above information.

Further Information

Please find additional FlatSeal™ Guides here:

https://www.trelleborg.com/en/seals/products-and-solutions/flat-gaskets