Sealant Technologies

Technical Recommendation Request

Application Data

To be completed by customer

Please fill in this form so our experts can provide you with torque guidelines, product recommendations and installation guidance for your specific application. Click the button that matches your location to send the form to Gore.

Send Form Europe/Middle East/Africa | Send Form North/Central/South America | Send Form Asia Pacific

End-User Information		Date
Company	Address 1	
Industry	Address 1	
Contact Name	Department	
Contact Phone	E-mail	

Application Information					
Process Description		Equipment			
		Design Temperature	○ °C ○ °F	Operating Temperature	○ °C ○ °F
Media	Type Other	Design Pressure	○ psi ○ bar	Operating Pressure	○ psi ○ bar

Flange Information							
Material Type	Select One		Flange Type	Select One	Other		
Maximum Torque given by Flange Manufacturer	○ Ft-lbs ○ Nm		Surface Condition	Select One		Maximum Depth of Irregularities	○ mm ○ in
Flange Style	Select One	Size (i.e. DN600 PN 10, ANSI 1in NPS Class 150)					
If Non-standard Circular Flange:	Inside Diameter	○ mm ○ in	Outside Diameter	○ mm ○ in	Bolt Circle Diameter	○ mm ○ in	
If Tongue & Groove:	Depth of Groove	○ mm ○ in	Width of Groove	○ mm ○ in	Height of Tongue	○ mm ○ in	
If Rectangular Flange:	Inner Length 1	○ mm ○ in	Inner Length 2	○ mm ○ in	Sealing Width	○ mm ○ in	Distance between Bolt Holes ○ mm ○ in

Fastener Information							
Fastener Type	Select One	If other, specify		Nominal Diameter	○ mm ○ in	Quantity	
Quality/Material Grade	Thread Type		Lubrication/Anti-Seize		Use of hardened steel washers?		
Select One	Select One		Select One		Select One		

Previously Used Gasket			
Product Name	Material	Thickness ○ mm ○ in	
If a leak has occurred:	Where on the flange?	Under what conditions?	Leak Size

Additional Information

Please do not share any company confidential information in this form. Information in this form will not be used for marketing or analytical purposes. Review Gore privacy statements at: www.gore.com/privacy (US) and www.gore.co.uk/privacy-notice (UK and EU).

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Product and Torque Recommendation

To be completed by Gore

Product Recommendation

GORE Sealants Recommended Product	Gasket Type	Gasket Thickness
Select Gore Product	Select Type	9.0 mm (3/8 in)

Gasket Width – Gore Series Tape / Joint Sealant Only

65 mm (2-1/2 in)

Torque Recommendation

Ft-lbs Nm NOTE: Torque should be applied with a calibrated torque device	% Bolt Yield	Average Gasket Stress psi MPa

Recommended Tightening Procedure

1. Hand tighten the nuts sequentially in a circular pattern.
2. Using a calibrated torque wrench, tighten the bolts in three separate passes using a cross circular pattern to ensure even compression.
   First pass - 30% of the recommended torque value.
   Second pass - 60% of the recommended torque value.
   Third Pass - 100% of the recommended torque value.
3. Tighten the bolts to the full recommended torque value in a circular pattern.
4. Wait a minimum of 4 hours.
5. Re-tighten the bolts to the full recommended torque value in a circular pattern.
6. After the first temperature cycle, re-tighten the bolts at room temperature to the full recommended torque value.

Additional Information

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging operations.

For detailed selection criteria, technical information, installation guideline and a complete listing of local sales offices please visit ***gore.com/sealants***

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