



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	Design Pressure	psi bar	Operating Pressure psi bar

Flange Information						
Material Type			Flange Type		Other	
Maximum Torque given by Flange Manufacturer		Ft-lbs Nm	Surface Condition		Maximum Depth of Irregularities	mm in
Flange Style	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		Nominal Diameter	mm in
Quantity			
Quality/Material Grade	Thread Type	Lubrication/Anti-Seize	Use of hardened steel washers?

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	



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Product and Torque Recommendation

To be completed by Gore

Product Recommendation		
GORE Sealants Recommended Product	Gasket Type	Gasket Thickness
Gasket Width – Gore Series Tape / Joint Sealant Only		

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

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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All the technical information and advice given here are based on our previous experiences. We give this information to the best of our knowledge, but assume no legal responsibility. Customers are asked to check these details and results, since the performance of a sealant can only be judged when all necessary operating data are available. Our technical team would be glad to help you.

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