



# GORE™ Sealant Technologies

GORE™ Universal Pipe Gasket

CASE HISTORY No.: 063

**Apparatus:** Glass Lined Steel Reactor  
In Chemical Industry

**Gasket:** GORE™ Universal Pipe Gasket

**Application:** DN 600 Glass Lined Steel Manhole, with  
two envelop Gaskets

**Dimension:** DN 600, PN 10, 6 mm thickness  
**Medium:** Sulfuric Acid  
**Temperature:** from ambient up to 120°C, cycling conditions  
**Pressure:** Vacuum up to 3,5 bar

**Previous gasket:** Envelope Gaskets

**Remarks /Reason to change :**

Due to the glass lined steel flange protection, it is really technical to shim the 2 envelop gaskets (customer does not do it). And after several thermal cycling, PTFE envelops are sucked in or the gasket leaks.

Gore Universal Pipe Gaskets need only one retorque, are not shimmed, and resist to vacuum!!

Thanks to our material, this glass lined steel manhole stays tight between two shutdowns (shutdown is made every 18 months).



All the technical information and advice given here is based on our previous experience. 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 the necessary operating data are available. Our product specialist would be glad to help you. Specifications are subject to change without notice.

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