



# GORE® Joint Sealant DF



## Technical bulletin – Increase in width after compression

**Product:** GORE® Joint Sealant DF

**Test dates:** September 2006 – October 2006

### TEST OVERVIEW:

Due to the material properties of monoaxially expanded PTFE, the increase in the gasket width of GORE® Joint Sealant DF depends on the pressure exerted on it. This needs to be taken into consideration when choosing the best gasket size for your application. For the configuration and calculation of flange connections it is therefore easier to use line forces.

The initial line force is the ratio of the bolt load and the gasket length; thus, in the case of circular flanges their circumference (use the average diameter of the gasket). The line force is therefore independent of the increase in gasket width. Line force is measured in N/mm.

In the compression test a 50 mm long piece of the size of the GORE® Joint Sealant DF that is to be tested is compressed at a specific line force and its width then measured.

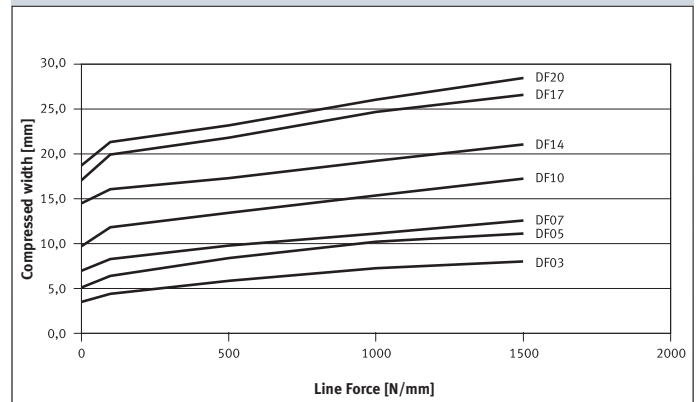
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### TEST RESULTS:

Compression Curves at Room Temperature  
GORE® Joint Sealant DF



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