Members Only! Introduction to Technical Data Page (1/2)

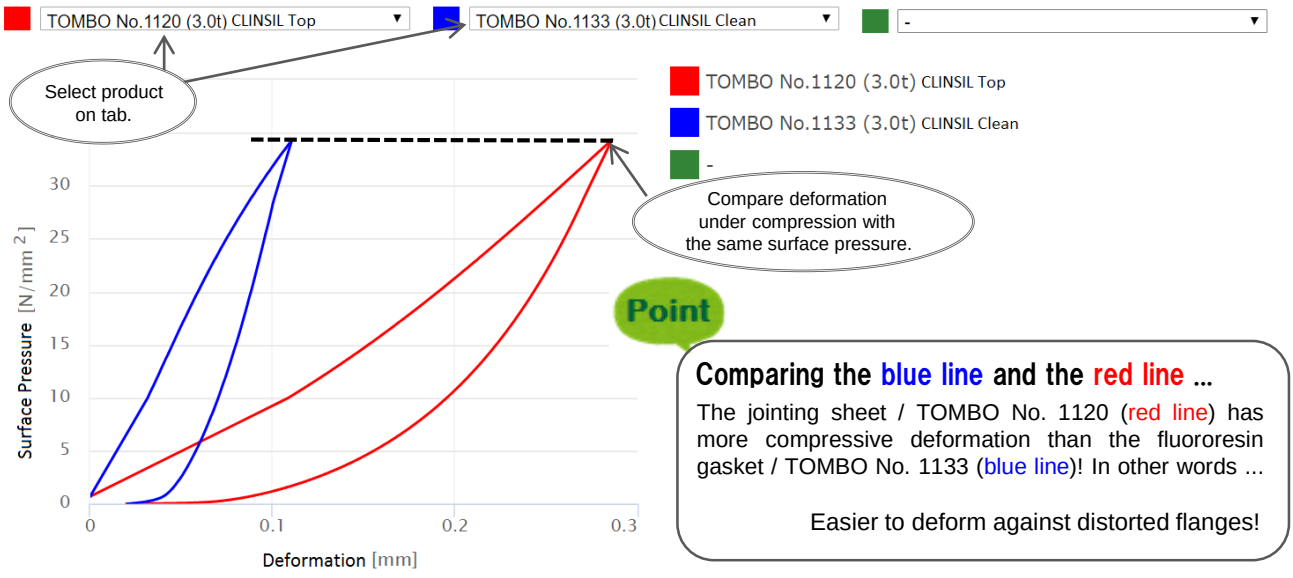
In the contents, we introduce various technical data which can be used to confirm gasket characteristics.

When you select the desired product on the tab, the graph of up to three product data can be compared and is displayed instantaneously.

Here is a sneak preview of what is inside. Feel free to use anytime! Membership registration is free!

Gasket Compression & Recovery Characteristics

Relationship between gasket surface pressure and amount of compressive deformation during compression is shown.



Point

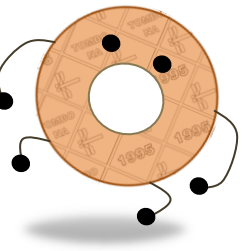
Comparing the blue line and the red line ...

The jointing sheet / TOMBO No. 1120 (red line) has more compressive deformation than the fluororesin gasket / TOMBO No. 1133 (blue line)! In other words ...

Easier to deform against distorted flanges!

※ Not standard values but actual values. Published data are subject to change without notice.

You can also find a gasket with large amount of deformation by selecting various products!



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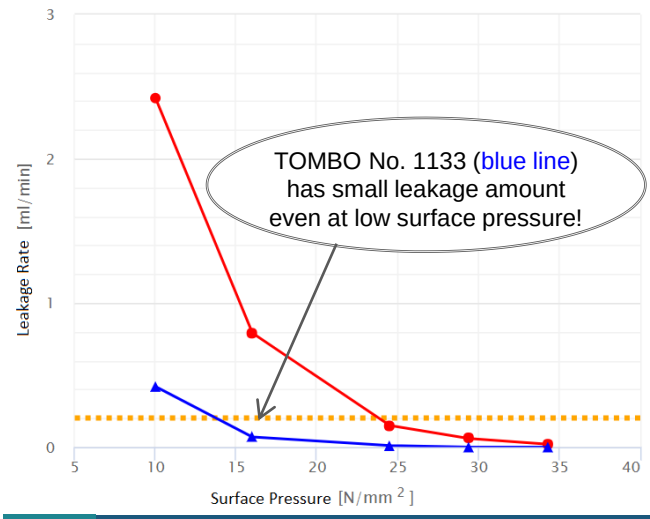
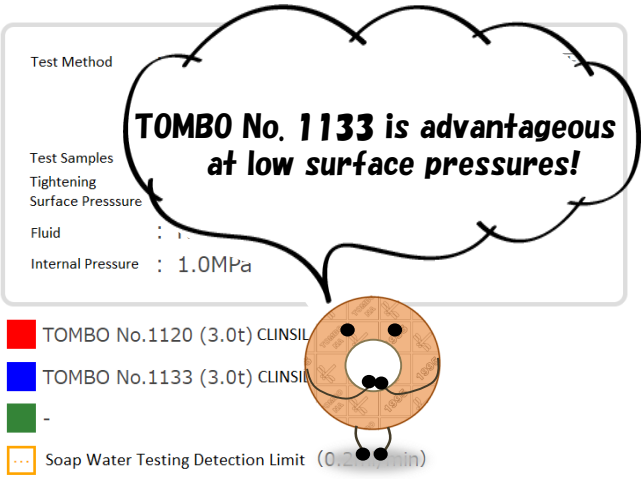
Gas Sealability

Amount of leakage at each surface pressure when the surface pressure is incrementally increased is shown.

TOMBO No.1120 (3.0t) CLINSIL Top ▾ | TOMBO No.1133 (3.0t) CLINSIL Clean ▾ | - ▾



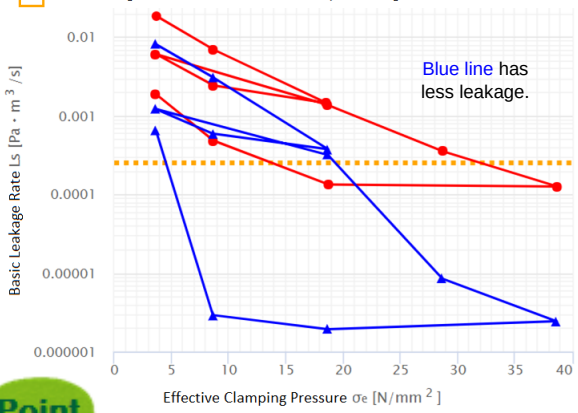


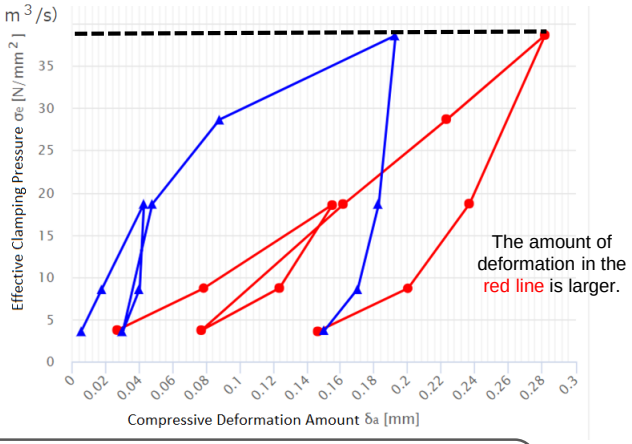
JIS B 2490 (Testing Method for Pipe Flange Gasket Sealing Property)

This is a test method prescribed for evaluating the sealing property at room temperature of the pipe flange gasket under the load of internal pressure. The relationship between the effective clamping pressure, the basic leakage rate, and the compression deformation amount when the tightening pressure is changed in stages is illustrated.
Please refer to the commentary on the website for detailed information on the test method and terminology.

TOMBO No.1120 (3.0t) CLINSIL Top ▾ | TOMBO No.1133 (3.0t) CLINSIL Clean ▾ | - ▾

Basic Leakage Rate Detection Limit via Soap Bubbling Method (2.51×10^{-4} Pa・m^3/s)

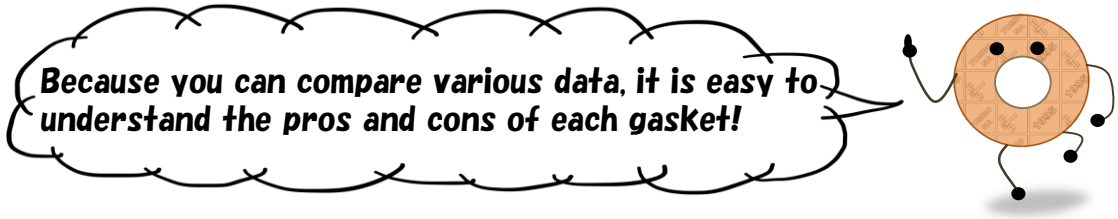




Point

Comparing red line and blue line ...

TOMBO No. 1120 (red line) has larger deformation (easier to deform with distorted flange) but TOMBO No. 1133 (blue line) has superior sealing property.



Other physical property tables are also posted! Please feel free to use!