



Solution for a Chemical Manufacturer & Distributor

A chemical manufacturer & distributor came to us looking for a solution that was more adaptable than the current gaskets being used. Due to the media being transported through the pipeline and flanges, it was necessary for the gaskets to only be used once.

SOLUTION

We recommended our PTV-WD57 PTFE material, which is specifically designed for use in applications where many acids are present, making it the ideal solution in this type of environment.

RESULT

PTV-WD57 performed exceptionally during the tests, allowing our customer to switch to our product and use with confidence.

OPERATING CONDITIONS

Temperature: Ambient

Application: Stainless Steel 316, PN10 Flanges

Media: Sulfuric Acid

Pressure: 1.9 bar



THE MATERIAL

PTV-WD57 is a standard unfilled/virgin PTFE compound (commonly referred to as Teflon™). PTV-WD57 has excellent chemical resistance and low friction properties making it an ideal choice for a wide range of sealing applications.

Virgin PTFE presents high elastic deformation and poor rebound under load, so generally requires an energising element to help improve these properties, such as an O-Ring or metallic spring energiser.



PTV-WD57 Virgin PTFE Data Sheet