

CASE STUDY

KWO® MultiTex® Gasket Food&Beverage industry



PRODUCT

KWO® MultiTex® 2.0 Gasket.

INDUSTRIAL SECTOR

Food industry, dairy processing

APPLICATION

Sealing of CIP (Clean-In-Place) process vessels, pipe connections and manway flanges in a food processing plant.

PROBLEM DEFINITION

The customer experienced recurring leakage and increased maintenance requirements during repeated CIP cleaning cycles.

The gasket material was required to withstand frequent exposure to hot water, steam, alkaline and acidic cleaning solutions while maintaining long-term sealing performance.

SOLUTION AND RESULT

KWO® MultiTex® Gasket thk. 6mm.

Its exceptional chemical resistance makes it ideal for continuous exposure to alkaline and acidic CIP solutions, hot water and steam, while its pure PTFE composition complies with the strict hygiene requirements of the food industry. The material is FDA compliant (FDA 21 CFR 177.1550) and suitable for food contact applications.

APPLICATION PARAMETERS

Material: Stainless Steel.

Operating temperature: Ambient to 140° C

Operating pressure: up to 10 bar

Medium: hot water, steam, alkaline and acidic CIP cleaning solutions

Flange form/diameter: -

Sealing surface : -

Bolts: -

Previous seal: conventional ptfе gasket.

