# KWO® MultiTex® Tape Chlor Alkali Industry

**PRODUCT** KWO® MultiTex® Tape.

ASE STUDY

INDUSTRIAL SECTOR Chlor Alkali Industry.

# APPLICATION

Pipeline connected to an electrolytic cell, part of a chloralkali plant.

#### PROBLEM DEFINITION

The plant faced several recurring issues at the flange connection point: leakage due to degraded sealing performance, flange surface irregularities after long-term use, aggressive media exposure leading to frequent gasket failure.Existing fiber-based gasket could not withstand the mechanical and chemical stress. These problems led to increased maintenance, unplanned shutdowns, and safety concerns for operators.

## SOLUTION AND RESULT

The customer switched to KWO® MultiTex® expanded PTFE tape, which allowed for precise adaptation to irregular sealing surface, excellent chemical resistance against the brine and chlorine atmosphere, clean and easy installation with adhesive backing, long-term seal integrity, minimizing the risk of emissions and product loss.

## APPLICATION PARAMETERS

Operating temperature: 70-80° C Operating pressure: max 2 Bar Medium: Chlorine gas, brine, hydrogen traces Flange form/diameter: -Sealing surface: -Bolts:-Torque: -Previous seal:Fiber gasket (non-PTFE based), degraded quickly



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**Schechen - Germany**