

CASE STUDY

KWO® MultiTex® Tape Chemical industry



KWO®
experts in ePTFE

PRODUCT

KWO® MultiTex® Tape 55x6 mm.

INDUSTRIAL SECTOR

Chemical.

APPLICATION

Sealing of glass-lined reactors with large-diameter flanges (OD 1600 mm) with KWO® MultiTex® Tape (Multidirectional) 55x6

SOLUTION AND RESULT

The end user, a global leader in the production of high-purity lithium, cesium, and rubidium salts, was building a state-of-the-art lithium salt facility.

For this project, the sealing of glass-lined equipment represented a highly critical step, demanding both reliability and compatibility.

Among the different options evaluated, our product was ultimately chosen as the preferred solution. Together with our local partner, our engineering team supported the end user throughout the process, from product selection to installation, while also providing on-site training and supervision to ensure flawless execution of this demanding application.

APPLICATION PARAMETERS

Equipment construction material: glass-lined tower section

Operating temperature: 100° C

Operating pressure: 0.8 MPa

Medium: Acidic medium, chemical

Flange form/diameter: 1.6 meters

Sealing surface: glass lined

Bolts: M27x66

Torque: 220 NM

Previous seal: first installation

