KWO® MultiTex® DK Tape

MADE IN GERMANY

It is required that the lid and the closures fit into each other without a seal and that the sealing surfaces lie completely against each other. If necessary, the sealing surfaces must be reworked.

1. Installation of the sealing tape

- Sealing surface should be cleaned of old sealing materials and checked for damage.
- Skive cut at the beginning: Unwind around 0.5 m of the sealing tape and cut the end with a sharp knife by using the skive cut technique → length of the skive cut (l_s) = approx. 25 mm, angle α < 15° (figure 1)
- Remove the masking tape a little at a time to prevent the adhesive strip from picking up dirt. A dirty or damaged adhesive surface could cause a misplacement of the sealing tape during assembly.
- Glue the sealing tape centrally onto the lid flange on a longitudinal side and form a complete gasket.
- Complete the gasket by placing the sealing tape over the skived end and overlap approx. 10 - 15 mm of the sealing tape (figure 2).
- For the second skive cut identify and mark the start and end points (figure 2).
- Cut away excess material with an angle of 15 degrees. The interface should be 20% thicker than the original sealing tape (figure 3).

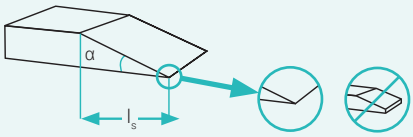


figure 1

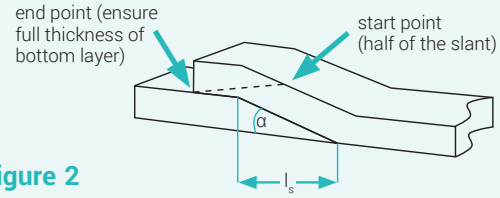


figure 2

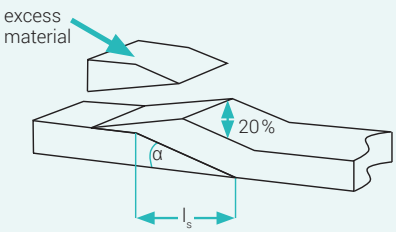
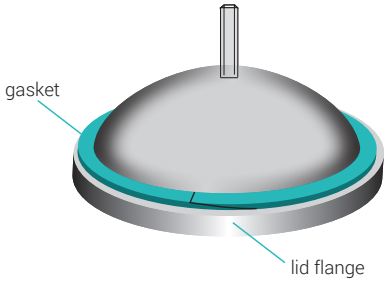


figure 3

2. Installation of the lid

- Carefully insert the lid into the provided opening and position it centrally. Make sure that the sealing strip has not shifted and that the shaft is closed.
- Provide the screws with assembly paste and tighten to the maximum with a torque wrench according to the strength of the locking parts. If several screws are used, always tighten them equally in several steps. Refer to point 3. tightening torques.



3. Tightening torques

Make sure to observe the boiler manufacturer's specifications for screwing the lid. Unless otherwise specified by the boiler manufacturer, the following tightening torques can be used as a guide value.

Screw	Tightening torque
M16	ca. 100 Nm
M20	ca. 180 Nm
M24	ca. 300 Nm
M30	ca. 600 Nm

The clamps of the lock must not be deformed at tightening. Replace defective clamps.

4. Starting up the boiler

Attention: Wear suitable heat protection clothing for all work on the heated boiler!

All screws must be tightened at least every 30 minutes until the operating temperature is reached!

At operating temperature, retighten twice at the same time interval. The locking clamps must always be checked for tightness. Check the screw connections especially after the first temperature cycle. If necessary, tighten them with previous torque.

Approvals and certifications

TRD 401/VdTÜV Dichtung 100

type tested according to VdTÜV-Instruction TRD 401/Dichtung 100 Test class D;
Registration-No.: TÜV.D.19-008.d