

KWO® Universal B ePTFE gasket tape and foil



For low sealing thickness and narrow tolerances

KWO® Universal B Gasket Tape is a flat, thin, expanded PTFE Tape for on-site-manufacturing of strip-type gaskets.

It can be used to form full-face seals up to 50 mm wide on rectangular components or also on round flanges with narrow sealing surface.

Due to its high adaptability it easily compresses into surface unevenness and roughness, forming a thin gasket with high tightness.

KWO® Universal B Gasket Tape is ideal wherever low compressed thickness and narrow tolerances play an important roll.



Key Features

- 100 % pure expanded PTFE
- conforms to flange unevenness
- chemically inert
- good creep and cold flow resistance

Product data

Material

pure virginal PTFE,
with expanded fibrous structure.

Chemical Resistance

pH 0 to 14
resistant to all media, with the exception of solved and molten alkaline metals, as well as elementary fluorine at high temperature and pressure

Resistance to Ageing

in the permissible range of application there is no ageing of KWO® Universal B seals.
Depending on storage conditions the adhesive force of the glue strip can change.

Benefits

- universal use fits for all geometrical forms
- even for low gasket stress
- easily to install and remove
- available with full face self adhesive tape or as pure ePTFE-Tape without adhesive

Temperaturbeständigkeit des Werkstoffs

-240°C bis +270°C, kurzzeitig bis +315°C

Physiologically harmless

consists of pure PTFE conforming to FDA requirements for use in contact with food.

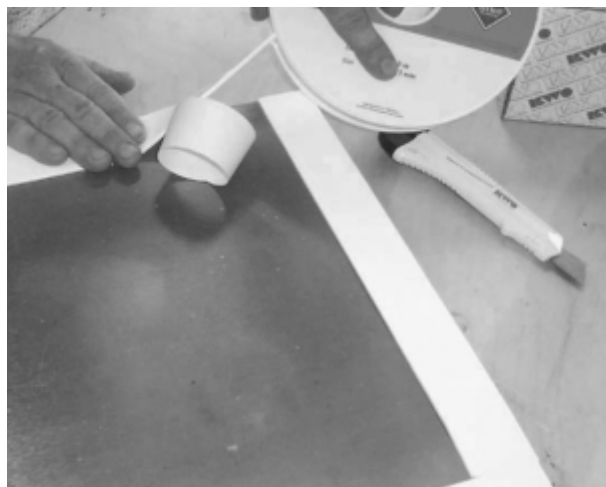
Pressure Range

pressure resistance generally depends on the installation and service parameters, please pay attention to proper installation

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fits for all applications

KWO® Universal B gasket tape and foil is available in different width and thickness. It's universal in use to form any shape of gasket on-site, with no need of pre-cutting.



Ideal for OEM-parts

KWO® Universal B gasket tape fills higher unevenness and roughness. Therefore a high grade surface finishing is often not necessary and time and money can be saved.

Size and thickness

nominale thickness [mm]	nominale width [mm]
0,15 - 0,25	290
0,5	170
1,0	110
1,5	100
2,0	90
3,0	60
4,0	40

Technical support

For detailed selection criteria, technical support for installation and maintenance as well as information on other sizes please call.

Easy installation

Installation and maintenance times can be minimized. The full-face self-adhesive backing makes KWO® Universal-B Gasket Tape quick and easy to install - even on uneven surfaces it sticks well thanks to the wide adhesive strip.

To form a gasket, clean to surface, simply remove the covering paper, stick the tape to the flange, overlap the endings and cut off the rest you do not need - with no scrap.

For full-face-seals the bolt holes can easily be cut out with a sharp knife or be punched out with a hole punch after application.

Universal use

KWO® Universal B gasket tape is versatile in use for a large temperature range and in contact with aggressive media.

With orderly performed installation its high strength allows it to withstand high service pressures.

General Information

All technical information and advice are based on our experience and are to the best of our knowledge, but do not state any liability by our company. Specifications and values must always be checked by the customers, for they are the only ones that can judge the efficiency of a product taking into account all of the on site operating conditions.