monoFlon®

Joint Sealant Style HD

Universal High Density ePTFE Gasket Tape



Style HD Gasket Tape is a higher density form-in-place gasketing, made from 100% pure monodirectionally expanded PTFE (ePTFE).

With its self-adhesive backing the tape can easily be installed also on vertical sealing surfaces.

Due to the special processing, the material has a uniform density over its cross section. Combined with the particular width-thickness-ratio the gasket tape provides a safe jointing, even in components with higher roughness and unevenness.

Ist dense fibrous structure causes improved tightness compared to standard monodirectionally expanded PTFE tapes and makes **Style HD Gasket Tape** an alternative for higher demanding applications.

Typical Applications

Components
stirrers, columns, pumps, machine housings, glass- and graphite apparatus, lined containers, sight glasses, hand and manholes (for TRD401 applications please ask your technical service), air conditioning and ventilation systems

Flanges
steel and plastic flanges

Media
highly agressive chemicals, all media in food and pharma applications

Approvals and Certificates

- FDA 21 CFR 177.1550 (PTFE)
- EU 1907/2006 (REACH) with Annex XVII and it‘s amendment
- TÜV MUC-KSP-A0066

Key Features

- highly adaptable
- chemically inert
  (for use with alkali metals and elemental fluorine ask our technical service)
- easy and quick installation
- highly tight
- broad field of application
- no "baking" to the flange
- easy to remove
- universal sizes - low stocking costs

Technical Data

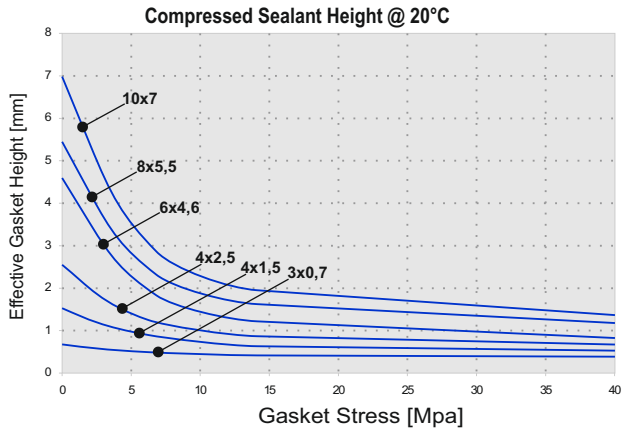
Material	100 % pure, monodirectionally expanded PTFE (ePTFE)
Temperature Resistance of the Sealing Material	-240°C to +270°C, intermittent to +315°C
Chemical Resistance	Chemical resistance to all media pH 0 to 14, except molten alkali metals and elemental fluorine
Recommended Application Range	Vacuum up to 68 bar (1000 psig) depending on the installation parameters

© 2026 FluorTex GmbH

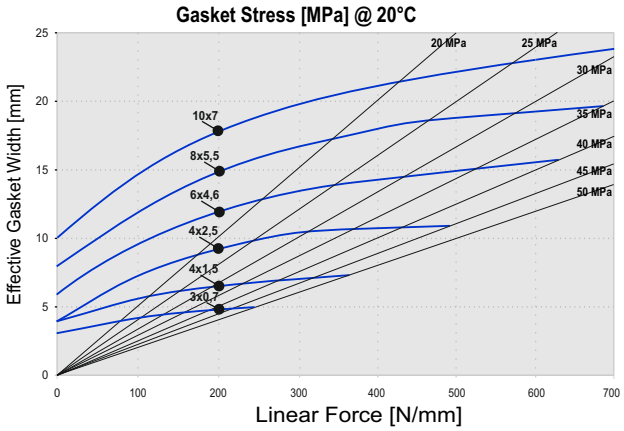
monoFlon®

Joint Sealent Style HD

Reduction in height



Increase in width



Installation

Completely clean the sealing area and remove any dirt, corrosion, oil or leftover from old gasket material.

With HD Gasket Tapes > 3 mm width always apply skiving technique (see fig.1.).

Cut one ending of the sealing tape and remove just a little of the protecting paper.

Place the tape at the nearest possible position next to the bolts, starting next to a bolt hole.

Fit the gasket around the entire flange circumference and close the endings as shown in figure 1.

Overlap and skive the endings according to the recommended overlap length. Cut off the excess, tapering to the end, leaving a total thickness of approx. 120 %.

Cross the endings as shown in figure 2 only with HD-Tape 3 x 0,3 mm and 3 x 0,7 mm.

At least 4 progressive torque sequences with a torque wrench, in a star of 180° (fig. 2), should follow the first torque by hand.

Lastly perform a circular torque to check and ensure a tight and long-lasting seal.

Assembly with skiving technique

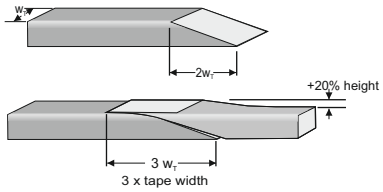


fig. 1

> HD Gasket Tape 3 x 0,7 mm always apply skiving cut.

Assembly with crossed endings

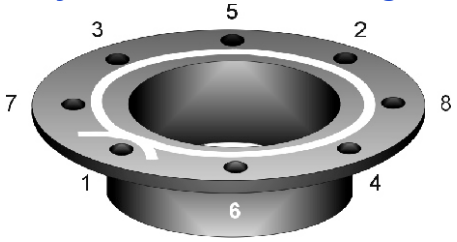


fig. 2

Install **HD Gasket Tape** 3 x 0,3 and 3 x 0,7 mm with crossed endings!

Joint Sealant Sizes

Size [mm]	Spool Length		
	10 m	25 m	50 m
3 x 0,3		X	X
3 x 0,7		X	X
4 x 1,5		X	X
4 x 2,5		X	X
6 x 4,5		X	X
8 x 5,5		X	X
10 x 7	X	X	

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.

® FluorTex® is a registered trademark
monoFlon Joint Sealent Style HD 260312 en

© 2026 FluorTex GmbH

Made in Bavaria Germany

FluorTex GmbH
Polymer Technology

FluorTex GmbH - Polymer Technology
Wasserburger Str. 2 - 83543 Rott am Inn - Germany
Tel.: +49-8039-909649-0 - Fax: +49-8039-909649-99
email: info@fluortex.eu - www.fluortex.eu