

Technical data sheet



BonnaTex FA is an expanded PTFE flat sealing tape (self-adhesive).

Advantages & Features

Universal applicable/simple installation
soft, supple material that can be shaped as desired

adapts perfectly to surfaces
self-adhesive

chemically stable over the entire pH range
Temperature range: -240°C to +260°C

short-term temperature range up to + 310°C
Pressure up to 200 bar depending on operation and installation, Oxygen - 60°C and 60 bar

does not age, physiologically harmless
odorless and tasteless

Weather light resistance

Nominal density: 0.65 g/cm³

Special meter weight e.g. 10x3mm: 19.5-3g/m

BonnaTex "FA" is chemically stable to all media in the entire pH range. The only exceptions are molten alkali metals, elemental & gaseous fluorine at high temperature and high pressure.

Application areas

Area of application, among other things, as a static seal for flat and chambered, smooth flange connections.

Up to NW mm	50	200	600	1500	> 1500
-width mm	3	5	7	10, 12	14, 17,20

Flanges, components such as pipelines, component and machine housings, pumps, compensators, ventilation and air conditioning systems, heat exchangers, boilers, fitting housings, gearboxes, compressors, evaporators, dryers, mixers, stirrers, filters, columns, glass-ceramic and graphite compounds, enamelled joints, vent pipes, centrifuges, steam boilers, manhole boilers. Materials such as GRP, glass, ceramics, graphite, aluminum, steel and rubberized materials.

Tests and Approvals

1. DIN/DVGW gas and water
2. BAM/Oxygen
3. FDA 21 CFR compliant (except item no. 44150)
4. TA - air tested

Application

Simply peel off the protective paper, stick it onto the cleaned sealing surface, press down lightly and allow both ends of the sealing cord to overlap. Cut off. Finished. During installation, a self-contained seal is created, which can also be quickly mounted on vertical or overhead sealing surfaces thanks to the adhesive strip on the back.

Shelf life and storage

Unlimited shelf life when stored in a dry and dark place at normal humidity and room temperature

Article number, width x thickness, packaging units

Order-no.	Width x Thickness		Roll length in meter
	mm	x mm	
44103	3,0	x 1,5	25
44105	5,0	x 2,0	25
44107	7,0	x 2,5	25
44110	10,0	x 3,0	25
44112	12,0	x 4,0	10
44114	14,0	x 5,0	10
44117	17,0	x 6,0	5
44120	20,0	x 7,0	5
44145	30,0	x 5,0	5
44146	40,0	x 5,0	5
44150	50,0	x 5,0	5

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Notice

All information and recommendations contained in this technical data sheet do not represent guaranteed properties. They are based on our research results and experience. However, they are non-binding as we are not responsible for compliance with the processing conditions may be, since we do not know the special application conditions at the user.

A guarantee can only be given for the consistently high quality of our products. We recommend that you conduct sufficient tests to determine whether the specified product has the properties you want. A claim from this is excluded. The processor bears sole responsibility for incorrect or inappropriate use.

Safety and health

See safety data sheet