

Technical Data Sheet

Version 06/2022

Vorlegeband 2 to 6 mm

Product Description

Vorlegeband 2 – 6 mm is a closed-cell polyethylene foam in form of a one-sided self-adhesive tape with a skin reinforced by thread.



Product Properties

- very good adhesion on different surfaces
- application at low temperatures possible
- the closed-cell foam hardly absorbs moisture
- resistant to water and to most of common chemicals
- very good thermal insulation properties
- compatible with acryl glass

Areas of Application

The product is used for sealing and insulation.

Form of Delivery

Colour: anthracite (white on request)
Product form: roll, length depending on dimension
Packaging unit: box

Instructions for Use

The most important processing parameters and information on cleaning are listed in our instructions for use for Vorlegeband.

Service

Upon request, our trained sales representatives are always at your disposal.

Additional Information

This technical data sheet advises without obligation and guarantee. The mentioned processing instructions have to be adapted to the prevailing conditions. The user is obliged to check the suitability and application by own experiments in order to avoid failures.

All given descriptions, data, ratios, weights, etc. can change without notice and do not represent contractually agreed properties of the product. Existing laws, standards and regulations are to be observed by the recipient of our products in their own responsibility.

Due to the large number of possible influences during processing and application, a guarantee of certain properties or suitability for a specific application can not be made, own tests are necessary.

The right to make technical changes is reserved.

Technical Data

Characteristics	Standard	Value
Carrier		PE foam
Adhesive		synthetic rubber
Colour		anthracite (white on request)
Liner		siliconised film, white
Density	ISO 845	33 kg/m ³
Compressive Strength at 25 % deformation at 50 % deformation	ISO 3386-1	35 kPa 100 kPa
Compression Set 22 h at 23 °C and 25 % deformation 0.5 h after discharge 24 h after discharge	ISO 1856-C	20 % 10 %
Compatibility with Acrylic Glass		OK
Thermal Conductivity at +40 °C	ISO 8302	0.038 W/mK
Temperature Resistance		-40 °C to +50 °C
Application Temperature		+2 °C to +30 °C
Storage and Shelf Life		12 months (20 ± 3°C / relative humidity 40-60%)

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Version 06/2022

Vorlegeband 10 mm

Product Description

Vorlegeband 10 mm is a closed-cell polyethylene foam in form of a one-sided self-adhesive tape.

Areas of Application

The product is used for sealing, insulation and as spacer, especially for applications where high-pressure loads occur.

Form of Delivery

Colour: black
Product form: roll, length depending on dimension
Packaging unit: box

Instructions for Use

The most important processing parameters and information on cleaning are listed in our instructions for use for Vorlegeband.

Service

Upon request, our trained sales representatives are always at your disposal.

Additional Information

This technical data sheet advises without obligation and guarantee. The mentioned processing instructions have to be adapted to the prevailing conditions. The user is obliged to check the suitability and application by own experiments in order to avoid failures.

All given descriptions, data, ratios, weights, etc. can change without notice and do not represent contractually agreed properties of the product. Existing laws, standards and regulations are to be observed by the recipient of our products in their own responsibility.

Due to the large number of possible influences during processing and application, a guarantee of certain properties or suitability for a specific application can not be made, own tests are necessary.

The right to make technical changes is reserved.

Technical Data

Characteristics	Standard	Value
Carrier		PE foam
Adhesive		acrylic dispersion
Colour		black
Liner		siliconised film, white
Density	DIN 53420	approx. 45 kg/m ³
Shore Hardness 00		Approx. 60
Compressive Strength at 25 % deformation at 50 % deformation	ISO 7214	90 kPa 163 kPa
Compression Set 22 h at 23 °C and 25 % deformation 0.5 h after discharge 24 h after discharge	ISO 7214	8% 3%
Shrinkage linear (22 h at +70 °C and 10 mm thickness)		1 % max.
Water Absorption	DIN 53428	1 % max.
Thermal Conductivity at +10 °C	ISO 2581	0.041 W/mK
Temperature Resistance		-40 °C to +70 °C
Storage and Shelf Life		12 months (20 ± 3°C / relative humidity 40-60%)