

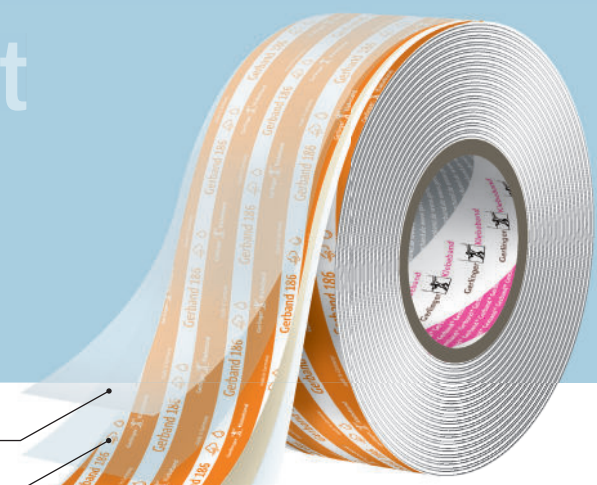
Technical Data Sheet

Gerband 186 *hermetic*

Special tape for bonding of vapor barriers according to DIN 4108-11

Gerband 186 *hermetic* is an adhesive tape according to DIN 4108-11. It is a tear resistant, wind and airtight special tape with extremely high adhesion. It is used for bonding of vapor barriers, PE webs, kraft papers, aluminum webs, PP fleece and hard derived timber plates.

- UV-varnish
- Polyethylene film
- Special paper
- Polyacrylate adhesive
- Silicone paper



Product description

Carrier

- Special paper, covered with polyethylene film
- Wind and airtight according to DIN 4108-7
- Tear resistant, length and crosswise
- Soft and flexible consistency
- Water-repellent surface

Adhesive

- Pure acrylate adhesive
- Extremely high adhesion
- Very high tack

Release liner

- Silicone paper

Special features

- Outstanding ageing resistance
- Tearable by hand
- particularly low-emission

Colour

- White
- Any colour available starting at 25.000 m² (print included)

Applications

- Airtight bonding and sealing of penetrations and overlaps of vapor barriers as well as air barriers according to DIN 4108-7
- We recommend surfaces such as even or slightly raw PE webs as well as non-waxed kraft paper, aluminium webs, PP fleece, and hard derived timber plates (e.g. oriented strand boards) may also be used

Technical data

Total thickness (DIN EN 1942)*	0.35 mm
Tensile strength (DIN EN ISO 29864)*	≥ 150 N/25 mm
Elongation at break (DIN EN ISO 29864)*	3 % to 5 % lengthwise
Adhesion (DIN EN ISO 29862)*	≥ 40 N/25 mm
Temperature range	-40 °C to +80 °C
Core diameter	76.5 mm

*according to the respective DIN

Application notes

- Apply at temperatures from +5 °C to +40 °C
- Surfaces must basically show bearing strength, they must be dry, free of grease and dust and may not own adhesive repellent laminations
- For penetrations use Gerband 586 or Gerband 605
- For bonding MDF boards (medium density fibreboards) we recommend preconditioning subsurfaces with Gerband Butyl Primer 6300
- Leaking substances (e.g. hexanal in case of oriented strand boards) could impair adhesion
- Store in dry rooms from +5 °C to +25 °C, protected from UV-radiation

Packaging unit

Roll length	40 m					
Roll width mm	50	60	75	100	145	180
Rolls per carton	12	10	8	6	4	4

Different packaging units available upon request

Precut parts for repairs

Format mm	145 x 145	160 x 160
Quantity per roll	275	250
Quantity per carton	1,100	1,000

Further technical data about Gerband 186 *hermetic* available upon request.

Subject to change without notice in line with product advancements.

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