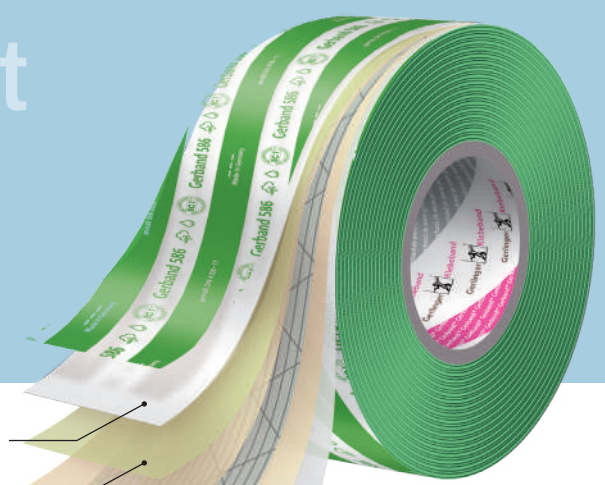


Technical Data Sheet

Gerband 586 *hermetic*

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

Gerband 586 *hermetic*
Technical Film Adhesive Tapes



Gerband 586 *hermetic* is an adhesive tape according to DIN 4108-11. It is a very pliable polyethylene tape with an extremely adherent and moisture resistant polyacrylate adhesive with outstanding ageing resistance. It is used indoors for air-tight bonding and sealing of penetrations and overlaps of wind and vapor barriers according to DIN 4108-7 as well as for bonding of PP-fleece, aluminum sheetings, MDF, wooden sheetings and plastics.

Polyethylene film
Polyacrylate adhesive
PET-filament
Polyacrylate adhesive
Silicone paper



Product description

Carrier

- Polyethylene film; thickness 0.08 mm
- UV-stabilized
- With PET-filament reinforcement

Adhesive

- Polyacrylate adhesive
- Very high tack
- Medium shear strength

Special features

- Very pliable
- Stretchable
- Long moisture-resistant (GPM 812)
- Outstanding ageing resistance
- PET reinforcement helps preventing overexpansion of the adhesive tape
- particularly low-emission

Colours/Print

- Green, any colour available starting at 25.000 m² (print included)

Technical data

Total thickness (DIN EN 1942)*	0.34 mm
Tensile strength (DIN EN ISO 29864)*	≥ 50 N/25 mm
Elongation (DIN EN ISO 29864)*	20 %
Adhesion (DIN EN ISO 29862)*	≥ 30 N/25 mm
Temperature range	-40 °C to +80 °C
Sd-value	45 m
Core diameter	76.5 mm, 85 mm

*according to the respective DIN

Application notes

- Apply at temperatures from +5 °C to +40 °C
- Surfaces for bonding must be stable, free of grease and dust
- For bonding MDF boards we recommend preconditioning the surfaces with Gerband 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

Applications

- Air-tight bonding and sealing of penetrations and overlaps of wind and vapor barriers according to DIN 4108-7
- Bonding of smooth and slightly rough PE webs
- Bonding of non-waxed kraft paper
- Bonding of aluminum sheetings
- Bonding of PP-fleece
- Bonding of MDF boards and wooden sheathing (e. g. oriented strand boards)
- Bonding of impact resistant plastics (pipes, windows), wood or metal in non-visible areas

Packaging unit

Roll length	25 m			
Roll width mm	50	60	75	100
Rolls per carton	12	10	8	6

Different packaging units available upon request

Pre-cut parts for repairs of air supply vents pre-confectioned on rolls

Roll length	25 m	
Format mm	160	x 160
Rolls per carton	4	

Further technical data about Gerband 586 *hermetic* available upon request.
Subject to change without notice in line with product advancements.

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Gerlinger Products are used by a very diverse customer base for a wide range of technical and industrial applications. The demands made on Gerlinger products vary considerably from application to application. We strongly advise users to test the product's suitability for their own particular requirement. All data and recommendations contained in this Technical Data Sheet are based on our own test results and practical experience and are aimed at helping customers select the appropriate tape for a given application. This information is provided without liability. We reserve the right to change the technical specification without prior notice. Samples are available free of charge. Our sales team is also available to assist customers with their tape.