

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

✓ DIN 4108-11



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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