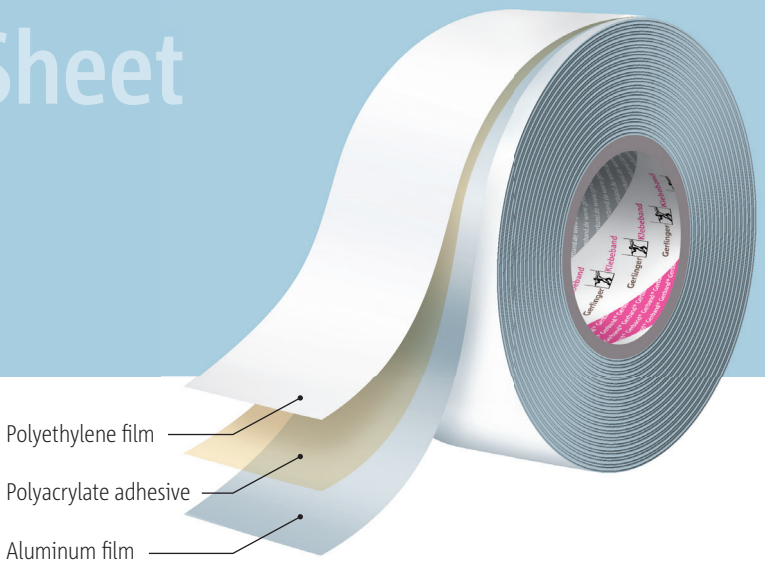
Gerlinger AdhesiveTape

Technical Data Sheet

Gerband 712

Aluminum film tape, flame resistant



Gerband 712 is an aluminum film tape with a strong adherent, strongly cross-linked polyacrylate adhesive with high ageing resistance and good shear strength.
It is used for applications under high temperature load as well as for masking, insulation and sealing.

Product description

Carrier

- Aluminum film, soft annealed; thickness 0.05 mm

Adhesive

- Polyacrylate adhesive, strongly cross-linked
- High adhesion
- High heat resistance
- High shearing resistance

Release liner

- Polyethylene film

Special features

- Flame resistant
- Outstanding ageing resistance; strength of the bond increases over time

Colours

- Carrier aluminum, bright
- Release liner white

Applications

- Masking and sheathing of aluminum-laminated mineral-fiber insulation
- Application under high temperature load and shear forces
- Insulating against heat and cold
- Sealing and sheathing pipelines, hot and fresh-air ducts
- Sealing of containers and pipes during gas-shielded arc welding

Technical data

Total thickness (DIN EN 1942)*	0.10 mm
Tensile strength (DIN EN 14410)*	≥60 N / 25 mm
Elongation at break (DIN EN 14410)*	≥5 %
Adhesion (DIN EN 1939)*	≥15 N / 25 mm
Temperature range	-40 °C to +140 °C
Heat resistance (short-term)	+180 °C
Shearing resistance	>24 h; 0.5 kg / 625 mm² / +70 °C
Core diameter	76.5 mm

*According to the respective DIN

Application notes

- Apply at temperatures from +5 °C to +40 °C
- Store in dry rooms from +5 °C to +25 °C, protected from UV-radiation

Packaging unit

Roll length 50 m

Roll width mm	19	25	30	38	50	75	100
Rolls per carton	64	48	40	32	24	16	12

Different packaging units available upon request

Test certificates

- DIN 4102 part 1 class A2
- DIN 4102 part 1 class B1

Gerlinger GmbH Klebebandwerke Werk Nördlingen P-BWU03-I-16.4.31 MPA

Gerlinger GmbH Klebebandwerke Werk Nördlingen P-BWU03-I-16.5.226 MPA

Further technical data about Gerband 712 available upon request.

Subject to change without notice in line with product advancements.

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