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)* \geq 60 N / 25 mm

Elongation at break (DIN EN 14410)* ≥5 %

Adhesion (DIN EN 1939)* \geq 15 N / 25 mm Temperature range -40 °C to +140 °C

Heat resistance (short-term) +180 °C

Shearing resistance $>24 \text{ h; } 0.5 \text{ kg } / 625 \text{ mm}^2 / +70 ^{\circ}\text{C}$

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





Aluminum film tapes

As of October 2019 · replaces edition of June 2015

Further technical data about Gerband 712 available upon request.

Subject to change without notice in line with product advancements.

Gerlinger GmbH & Co. KG Adhesive Tape Factories

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Gerband® adhesive tapes are used by a very diverse customer base for a wide range of technical and industrial applications. The demands made on Gerband® 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.