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

Polyethylene film Polyacrylate adhesive

Gerlinger AdhesiveTape

Aluminum film

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 >24 h; 0.5 kg / 625 mm² / +70 °C Shearing resistance 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

Further technical data about Gerband 712 available upon request. Subject to change without notice in line with product advancements.

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Gerlinger GmbH & Co. KG Adhesive Tape Factories

Dietrich-Gerlinger-Straße 1-9 D-86720 Nördlingen, Germany Telephone +49 (0) 90 81 213-0 Telefax +49 (0) 90 81 213-100 e-Mail info@gerband.de www.gerband.de Internet

Certified according to DIN ISO 9001 and 14001 Reg.-Nr. 56398-QM



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.