# **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

Aluminum film

# Technical data

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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	
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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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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<sup>®</sup> 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.

Polyacrylate adhesive Polyethylene film

