



RAMSAUER®
DICHTSTOFFE

1040 BRANDSCHUTZ- BAND

(Fire protection tape)

TECHNICAL DATA

Extremely heat-resistant tape of bonded ceramic fibre
Colour: bluish-white
Classification temperature: 1100° C
Melting point: > 1330° C
Fibre diameter: 2 – 3 µ
Density: 130 – 190 kg/m³ *
Tensile strength: > 350 kPa
Thermal conductivity at 600°C: 0.09 W/mK
Linear shrinkage after 24 hours at 1100°C: < 4.0 %

CHARACTERISTICS

1040 BRANDSCHUTZBAND is made of washed fibres from which non-fiberized particles and inclusions have been removed by a special washing process. A pulp of ceramic fibre and binder is processed by means of a paper machine to manufacture a flexible light paper.

1040 BRANDSCHUTZBAND is known for efficient heat insulation and convenient application. Its uniform density guarantees uniformly low thermal conductivity. The smooth surface permits its preferential application for sealing. 1040 BRANDSCHUTZBAND is available with or without organic



binder. The series 970 contains up to 5 % of organic binder which gives the paper increased strength for application. The series 970-H does not contain any binders and is totally inorganic. This paper is used wherever burning out of the organic binder, no matter how small its fraction may be, is not permitted.

APPLICATION

- For fire protection glazing with "340 BRANDSCHUTZ B1"
- High-temperature sealing
- Thermal and electrical insulation
- Combustion chamber lining
- Backup insulation for metal ducts and gutters
- Sealing caps for tap-hole plugs (Aluminium industry)
- Ingot mould lining for high-grade steel
- Insulation material for soldering, welding, heat treatment and hot forming processes
- Insulation of hot blast ducts of blast furnaces
- Insulation of coke oven doors of blast furnaces
- Insulation of coke oven doors

PROCESSING

Remove loose parts. The substrate must be dry and free from dust and grease. Remove the protective foil from the tape carefully (otherwise the adhesive will be removed together with the protective foil). Align the tape and press it firmly onto the substrate.

DIMENSIONS

Dimensions Thickness x Width	Lineal metres per roll	Packaging unit Per carton
3 x 9 mm	10	330 lin. m
4 x 9 mm	10	330 lin. m
5 x 9 mm	10	330 lin. m
3 x 12 mm	10	250 lin. m
3 x 15 mm	10	200 lin. m

HAZARD ADVICE

1040 Brandschutzband / Version: 01/15

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The product is not a hazardous substance within the meaning of the German Hazardous Substances Ordinance ("Gefahrstoffverordnung"). For further information refer to the Safety Data Sheet.

SAFETY ADVICE, INSTRUCTIONS FOR DISPOSAL

Consult the current EC Safety Data Sheet which is available at any time on our website at www.ramsauer.at.

LIABILITY FOR DEFECTS

The information provided including but not limited to the proposals for processing and using our products is based on our knowledge and experience, usually at the time of going into print. The results of work may deviate from this information depending on the specific circumstances, in particular with respect to substrates, processing and environmental conditions. Therefore, neither this information nor any oral counseling shall constitute warranty or give rise to any liability on whatever legal ground for any specific result of work, unless we acted intentionally or by gross negligence.

Ramsauer warrants that its products will have the technical characteristics according to the Technical Data Sheets up to their expiry date.

Product users must consult the latest data sheet which is available upon request. Our current General Terms and Conditions apply which are available for download on our website www.ramsauer.at.



QUALITY YOU CAN RELY ON

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