ASTORkera 25811-03

Ceramic fibre tape

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Asbestos-free one side self-adhesive ceramic fiber tape with **high biopersistivity** (biosolubility).
Suitable for use as heat shield gaskets for very high temperature resistance applications.

Properties & Applications

- Gaskets for fire safety and fire prevention equipment and facilities
- Suitable for use as thermal insulation or heat shield for very high temperature applications
- Temperature resistant up to 900°C (melting point 1330°C)
- Free of asbestos, high biopersistivity (decomposes in human body) – does **not** fall under 97/6/EG –App. Q
- Fire class **A2-S1-d0** acc. to EN13501-1:2007: non-combustible, with some flammable content, corresponds to DIN-4102-1 fire class A2 and Swiss VKF fire application Nr. 22888
- One side self-adhesive for easy mounting
- Available thicknesses: 2, 3, 4, 5, 6, 8 and 10 mm - **thickness cannot be guaranteed precisely!**
- Available also as two side adhesive or non-adhesive
- Indicative storage time: 2 years under normal storage conditions (25°C, 50% r.h.)

Technical Data Tape

Material	Ceramic fibre (Ca-Mg silicate fibre)
Bulk Density DIN 53420	Approx. 230 kg/m^3
Temperature resistance	-20°C to + 900°C (short term max 1200°C)
Tensile strength	> 650 kPa
Loss after combustion	ca. 8%
Fire Class	EN13501-1: A2-S1-d0 corresponds to DIN4102-1: A2 non-combustible with portion of combustible substances
Shrinkage	<2% after 24h @ 1000°C
Thermal conductivity	0.05 W/mK at 200°C 0.07 W/mK at 400°C 0.11 W/mK at 600°C 0.16 W/mK at 800°C 0.23 W/mK at 1000°C

Technical Data Adhesive

Adhesive	waterborne acrylate with nonwoven interlayer
Temperature Resistance	-40°C up to +100°C
Liner	Siliconised 70 µm LDPE film
Ageing properties	Very good

All data are single values and are not to be considered as specifications We recommend to perform own tests to ensure suitability

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