

Jupiter 4001

Flame Resistant Aluminium Foil Tape

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GENERAL INFORMATION

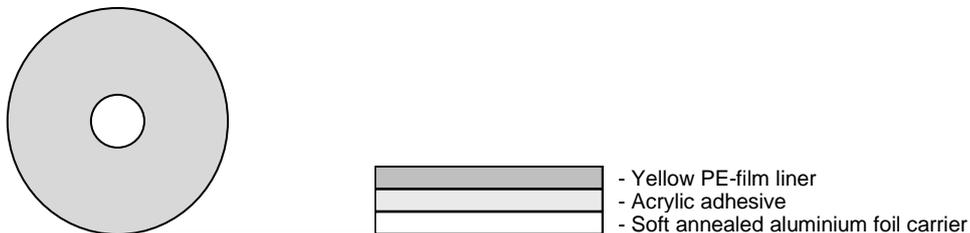
Jupiter 4001 is a flame resistant aluminium tape based on soft annealed aluminium foil coated with an acrylic adhesive with high adhesion, heat resistance, age resistance and adhesive strength that increases over time. UV resistant.

- 0,12mm thick
- Acrylic adhesive
- Temperature resistant up to 140°C

Jupiter 4001 can be die-cut for custom made parts and is available in all dimensions but standard widths are:

- 25mm x 55m
- 50mm x 55m
- 100mm x 55m

CONSTRUCTION



APPLICATIONS

Jupiter 4001 is optimized for the demands of bonding insulating materials and that can be used for a wide range of applications in many different industries. Examples of application areas are:

- Masking and sheathing
- Insulating against heat and cold
- Applications that involves high temperatures and requires high shear strength
- Sealing and sheathing pipelines, hot and fresh air ducts
- Sealing of boxes and ducts during welding under protective gas

USER GUIDELINES

To obtain optimal adhesion the surfaces must be clean and dry. Most frequent cleaning solvent is isopropyl/water (50:50 mixture) alcohol. Use safety instructions before using cleaners. Sometimes depending on surface a primer can be used to obtain a higher bonding force. Ideal temperature for tape application is between 21°C and 38°C.

PRODUCT DATA

Physical Data:

Adhesive:	Crosslinked polyacrylate
Carrier:	Soft annealed aluminium foil
Thickness:	Backing: 0,03mm Adhesive: 0,04mm Total: 0,12mm
Liner:	Yellow PE-film
Colour:	Aluminium
Shelf life*:	24 months
Storage:	Good storage conditions are in room temperature. Not recommended for direct exposure to sunlight or ultraviolet light.

* From date of dispatch by ATC Tape Converting AB

Performance Data:

Tensile strength: (DIN EN 14410)	≥ 95,5 N/25mm
Shear:	> 200 hours
Adhesion to steel: (DIN EN 1939)	≥ 19-20 N/25mm
Looptack:	12N
Humidity Shear Test	> 4 hours
Heat resistance:	-40 °C to +120°C
Maximum temperature:	Up to +140°C (short term)
Application temperature:	-20 °C to +50°C, preferably at >5°C

CONTACT INFORMATION

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