

TECHNICAL DATA

F391 KAPTON® TAPE - High Temperature Adhesive Tape

DESCRIPTION

F391 is based on Kapton® Polyimide film, which exhibits outstanding solvent, temperature and radiation resistance as well as excellent mechanical and electrical properties.

F391 has a thermosetting silicone resin adhesive suitable for Class H (180°) temperatures.


F391 is UL Approved.

APPLICATIONS

F391 finds use in a variety electrical and electronics components, where high temperature and high stress levels are experienced, such as:

- Traction motors
- Transformer coils
- High voltage coils
- Generators
- Armature coils
- High temperature masking
- Torroidal coils
- Printed circuit boards

PHYSICAL PROPERTIES

Backing	DuPont™ Kapton® Polyimide film
Base thickness	0.025mm
Total thickness	0.060mm ± 10%
Tensile strength - machine direction	4.5Kgs/cm minimum
Elongation at break – Machine Direction	50% minimum
Adhesion to steel	220g/cm minimum
Breakdown voltage	6kV
Adhesive system	Silicone
Temperature rating	180°C (Class H)
Short-term temperature	300°C
Flame test, UL 510	Flame retardant
Colour	Brown transparent
UL File number 	OANZ2.E171030
RoHS 2002/95/EC Compliant	Yes

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