

TECHNICAL DATA

F391 KAPTON® TAPE
High Temperature Adhesive Tape



DESCRIPTON

F391 consists of 0.025mm (1 mil) DuPont™ Kapton® 100HN Polyimide Film with a silicone adhesive system suitable for use up to 180°C (Class H) temperatures.

F391 exhibits outstanding solvent, radiation and temperature resistance, as well as excellent electrical and mechanical properties.

F391 is UL Certified.

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
- Toroidal coils
- Printed circuit boards

PHYSICAL PROPERTIES

Backing	DuPont™ Kapton® 100HN Polyimide Film
Base thickness	0.025mm (1 mil)
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 compliant	Yes



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