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TECHNICAL DATA

F302 POLYESTER FILM/NON-WOVEN TAPE

Composite Adhesive Tape

DESCRIPTON

F302 is a composite tape consisting of polyester film and non-woven with an acrylic adhesive system suitable for use up to 130°C (Class B) temperatures.
Being a composite tape, F302 is thicker than standard polyester tapes proving additional tensile strength as well as improved mechanical and abrasion resistance properties.

APPLICATIONS

F302 finds use primarily as outer wrap on coil windings where good conformability and hiding power is required.

→ Transformers → Electric motors → Coils

PHYSICAL PROPERTIES

Backing	Polyester Film/Non-Woven
Total thickness	0.25mm ± 0.020mm
Tensile strength - Machine direction	5Kgs/cm minimum
Elongation at break – Machine Direction	20% minimum
Adhesion to steel	300g/cm minimum
Breakdown voltage (IS 2584)	4.5kV minimum
Adhesive system	Acrylic
Temperature rating	130°C (Class B)
Colour	White
RoHS compliant	Yes

Test method IS 7809Part II unless otherwise stated

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