
3M™ no. 5

3M™ electro-insulating tape no. 5 is a polyester adhesive tape with acrylate adhesive.

Attributes

3M™ electro-insulating tape no. 5 has good resistance to solvents and limited oil resistance. Additional heat curing enhances the resistance.

UL approved up to 130 °C.

Application

Especially for core and interlayer insulation as well as final insulation of small transformers, taping and insulation of coils and wires. It has good ageing resistance and is UL approved.

Delivery forms

- Width: From 2.5 mm, in 0.1 mm increments
- Standard length: 66 m
- Core diameter: 76 mm (3")
- Special widths on request

Glue

acrylate

Adhesive

one-sided

Storage

Adhesive tapes should be stored in a cool, dry place at approx. 20 °C and 50 - 60 % relative humidity. The storage period should not exceed 6 months.

| General | Unit of measure | |
|----------------------------------|-----------------|-----------------------------------|
| Electrolyt. corrosion value | | 1 |
| UL FILE NO. | | E 17385 OANZ 2 |
| Thermal class | | 130 ° C/ B |
| Dielectric strength | kV | 5.5 |
| Adhesiveness / Adhesion to steel | N/cm | 3.8 |
| Elongation at break | % | 100 |
| Tensile strength | N/cm | 44 |
| Adhesive | | Acrylate |
| Total thickness | mm | 0.063 |
| Backing | | Polyester film |
| Type/ Ordering information | | 3M™ electro-insulating tape no. 5 |
| Standard colours | | transparent |

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