

Filmterm FC 5023



Industrial
applications
product

Two layers laminate based adhesive tape, aramid paper based, used for the insulation of electric motor connections and for the finishing of the coils in transformers, thermal class F (155 °C).

Characteristics

Filmterm family is composed of laminates and adhesive tapes suitable for the electrical market and for different industrial applications.

Filmterm FC 5023 is an adhesive tape where the base material is a two-layers laminate composed of one layer of Aramid Paper (50 µm) and one layer of PET film (23 µm).

On one side the base is coated with a special adhesive that allows a good finishing of the coil head and offers a good resistance to punching.





FC 5023 is UL certified as stated by UL file N. E476331.

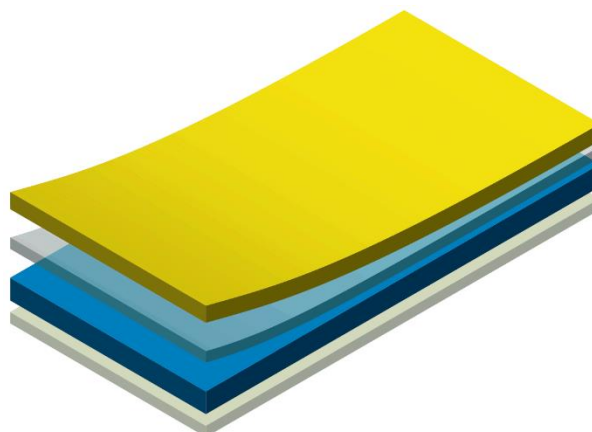
Formats

The product can be supplied in the following formats:

- tapes from 8 mm width upwards on 76 mm (3") core
- labels with a silicone paper liner
- die-cut according to phase insulation shape with a silicone paper liner (for electric motors)

Structure

-  Aramid paper
-  Adhesive for lamination
-  PET film
-  Adhesive coating



Technical Data

Properties	Unit	Method	Value
PET Film thickness	mm	AFERA 4006	0,023±10%
Total thickness	mm	AFERA 4006	0,10±10%
Ultimate strength	N/cm	AFERA 4004	40
Breakdown voltage	kV	AFERA 4011	4,8
Adhesiveness on steel	N/cm	AFERA 4001	5±0,5
Rolling ball tack	cm	PSTC6	10,0
Electrolytic corrosion	factor		1
Storage time	month		6

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