

Description

A three-layer combination of an inner polyester film with a high temperature rated high performance paper. This combination of materials gives better overall mechanical strength and higher dielectric strength. The laminate offers good adhesion to resins and a smooth surface for easier insertion. Due to low moisture absorption no predrying is necessary.

Technical Data

CMC HITEL	15074	15076	15075	15077
total thickness in mm	0,290	0,350	0,360	0,410
thickness of PET in mm	0,190	0,190	0,250	0,250
thickness of paper in mm	0,050	0,080	0,050	0,080
dielectric strength in kV	20	25	27	31

Color	beige
Operating temperature	up to 180°C continuously (class H)
High performance paper	Inorganic paper with organic binder, flexible, smooth surface for better assembly
Storage	cool and dry (15 to 25°C), away from direct sunlight

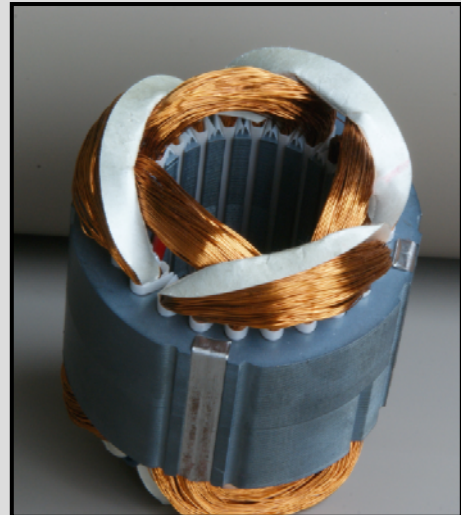
Introduction

- The shelf life of the material is recommended as 12 months.
- Compatibility of resins and varnishes should be tested prior to usage.
- Store in a cool, dry environment.
- Further information can be found on our homepage www.cmc-klebertechnik.de.

Further information and samples on request

Note: Our recommendations for application are given to the best of our knowledge, but are offered without guarantee as to accuracy. They do not release the end-user from the obligation of satisfying themselves as to the suitability for the intended purpose or procedure.

Multi Layer Laminates HITEL 15074 ... 15077 for electric insulation purposes



Application

- HITEL is easy to impregnate and offers a very good dielectric strength with high thermal resistance for electric motors and generators.
- as slot liners, slot wedges, separators and phase insulation
- for any kind of dry type transformer as well as for liquid-filled transformer

Form of delivery:

Roll width	customized up to 900 mm
Roll length	standard 100 m
Formatted into sheets	on customer's request
Core diameter	3" or 6" (76 or 152 mm)

Materials are not always on stock – delivery usually within 2-4 weeks depending on availability!

Material complies with the requirements of RoHS.

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EN ISO
9001:2000
and DIN EN
ISO
14001:2005



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