

TECHNICAL DATA

HYPERFIL® HXAF - Non-woven Aramid Felt

DESCRIPTION

Hyperfil® HXAF consists of non-woven aramid (Nomex®) fibres, mechanically bonded to form a flexible felt/fleece, which is highly receptive to impregnating varnishes and resins, as well as being thermally stable.

APPLICATIONS

Phase & layer insulation, as well as spacer pads in the following applications:

→ Generators

→ Transformers

→ Electric motors

PHYSICAL PROPERTIES

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| Weight, ISO 9073-1 | 195 g/m ² |
| Maximum tensile strength, ISO 9073-3 | 370 N/5cm Machine direction 500 N/5cm Cross direction |
| Elongation at maximum tensile strength, ISO 9073-3 | 70% Machine direction 80% Cross direction |

STANDARD DIMENSIONS

| | |
|-----------------------------------|------------------|
| Standard width | 1000 mm |
| Standard thickness | 2.7 mm |
| Standard length | 25 / 50 m |
| Outside diameter of roll | 800 mm maximum |
| Inside diameter of cardboard core | 70 / 76 / 152 mm |

* Other dimensions available on request

** The above information represents average values based on standard production tolerances

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