

## MAGNEBOND<sup>®</sup> FX<sub>2</sub>-120

### Properties

- temperature index of 120 of the base coat
- suitable for windings of power transformers
- high resistance against oil and humidity

**Magnebond<sup>®</sup> FX<sub>2</sub>-120** is bonded on effect of heat resulting in a bonded coils.

It is characterised by:

- low curing temperature <120°C
- post curing at operating temperature
- easy stripping by lightly volatile solvents

### Insulation

Polyvinyl acetate, the final layer consists of epoxy bond coat.

### Application

**Magnebond<sup>®</sup> FX<sub>2</sub>-120** is designed for the production of self-bonded, transformer coils with high mechanical strength. Bonding of the coil is achieved during drying process.

### Production range

Size range	Width	2.80 to 12.50 mm
	Thickness	1.00 to 3.15 mm
Thickness base coat	Base coat	Grade 1 or Grade 2
	Bond coat	0.030 to 0.060 mm (thickness) 0,000 to 0,020 mm (width)

### Electrical properties

Breakdown voltage	≥ 1.5 IEC values
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### Mechanical properties

Elongation	> 32 %
Bending test	flatwise, w ≤ 10 mm 4 x w
	flatwise, w > 10 mm 5 x w
	edgewise 4 x t

### Thermal properties

Cut through temperature (base coat) *	≥ 230 °C
Thermal class (base coat)	120
Heat shock	155 °C
Temperature index (base coat)*	≥120

\* measured on round enamelled wires