

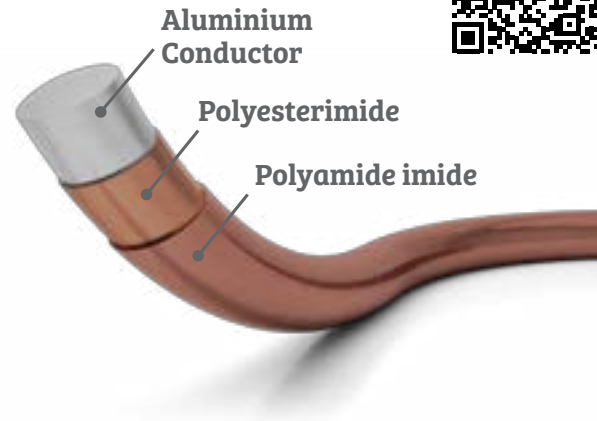
EmTherm 200 AL

IEC 60317 - 25

EmTherm 200 AL, is aluminium wire coated with polyamide-imide enamel over polyesterimide, belonging in HC (200°C) thermal class, able to be manufactured in the diameter range of 0.18 - 6.00 mm. Provides advantage due to its low density in cases where weight is more important than volume.

Providing thermal resistance up to 200 °C due to its double enamel layers, EmTherm 200 AL offers ease of winding due to the flexible enamel layer coated on soft conductor.

Fields of Use: In addition to its general utilisation in mechanical blasts, lighting transformers and light motors, it is also used in other fields such as high voltage transformers and welding machines.



Thermal Class (°C)	Class HC, 200°C
Insulation Base Coat	Polyesterimide
Insulation Top Coat	Polyamide imide
Insulation Bonding Layer	-
Production Range (mm)	0.18 - 6.00 mm
Standards IEC	IEC 60317 - 25
Thermal Class (°C)	200°C
Heat Shock (°C)	≥ 220°C
Cut-Through Temperature (°C)	≥ 320°C
Soldering Temperature (°C)	Non-solderable
Bonding Temperature (°C)	Non-applicable
Re-softening Temperature (°C)	Non-applicable
Normal Solvent Resistance	5H
Dipping Varnish Resistance	Very good
Refrigerant Resistance	Very good
Transformer Oil Resistance	Very good
Distinct Features	Better weight ratio compared to copper, price advantage, ease of winding due to soft and flexible structure.
Fields of Use	Mechanic blasts, lighting transformers, light motors.