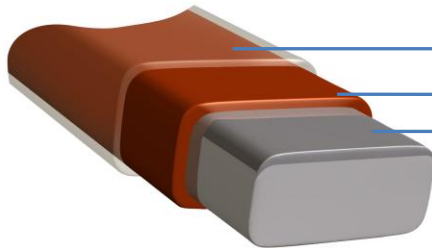


INSULATION

Polyester or Polyesterimide overcoated with polyamide-imide
Enamelled Rectangular Aluminium Wire, Class 200



Over Coat :Polyamide-imide

Base Coat: Polyester or Polyester-imide

Conductor: Aluminium

STANDARDS

IEC 60317-0-9

IEC 60317-73

TECHNICAL PROPERTIES

MECHANICAL

Flexibility (width ≤ 10 mm)

No crack for 4 x width

Flexibility (width > 10 mm)

No crack for 5 x width

Flexibility (thickness)

No crack for 5 x thickness

Elongation

$>$ IEC Value

AVAILABILITY

10-100 mm²

7 - 3/0 AWG

THERMAL

Thermal Index

200 °C

Heat Shock

> 220 °C

APPLICATIONS

Alternators

Electrical Motors

Dry Type Transformers

CHEMICAL

Resistance to Solvents

4H

Resistance to Refrigerants

Very Good

Resistance to Transformer Oil

Very Good

PROPERTIES

High mechanical and thermal properties

Excellent dielectric performance

Superior chemical and moisture resistance

Superior thermal overload protection

ELECTRICAL

Breakdown Voltage

$\geq$ IEC Value

Conductivity (m/ Ω mm²)

$\geq 35,5$

The values provided in this document represent typical characteristics of ELSAN magnet wires and are intended for information purposes only. They should not be considered as a warranty or guarantee of specific product properties or performance. Customers are advised to verify the suitability of the product for their intended application.