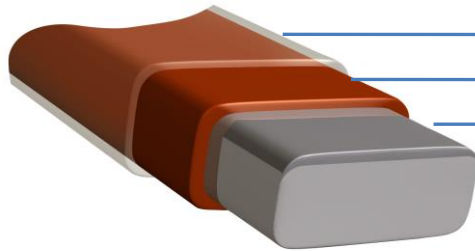


# ELSAN

# ALF200HC

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

## INSULATION



Over Coat :Polyamide-imide  
Base Coat: Polyester or Polyester-imide  
Conductor: Aluminium

## STANDARDS

No standard yet.

## AVAILABILITY

5 - 80 mm<sup>2</sup>

000 - 10 AWG

## APPLICATIONS

Alternators

Electrical Motors

Dry Type Transformers

## PROPERTIES

High mechanical and thermal properties

Excellent dielectric performance

Superior chemical and moisture resistance

Superior thermal overload protection

## 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

Adherence

Loss of adhesion max 1 x width

### THERMAL

Thermal Index

200 °C

Heat Shock

> 220 °C

### CHEMICAL

Resistance to Solvents

4H

Resistance to Refrigerants

Very Good

Resistance to Transformer Oil

Very Good

### ELECTRICAL

Breakdown Voltage

> 2500 V

Conductivity (m/Ωmm<sup>2</sup>)

>35,5