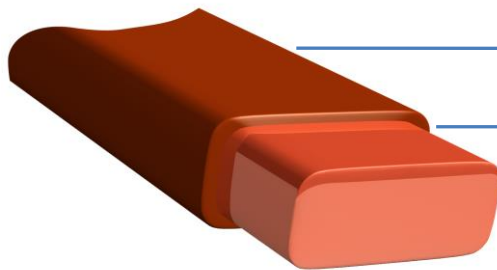


INSULATION

Polyesterimide Enamelled Rectangular Copper Wire, Class 180



Base Coat :Theic Modified Polyesterimide

Conductor: Copper

STANDARDS

IEC	EN 60317 - 28
NEMA	
TSE	TSE EN 60317 - 28

AVAILABILITY

5 - 80 mm²
000 - 10 AWG

APPLICATIONS

Alternators
Electrical Motors
Dry Type Transformers

PROPERTIES

Good mechanical and thermal properties
Excellent dielectric performance
Good 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	180 °C
Heat Shock	> 200 °C

CHEMICAL

Resistance to Solvents	3H
Resistance to Refrigerants	Good
Resistance to Transformer Oil	Very Good

ELECTRICAL

Breakdown Voltage	> 2500 V
Conductivity (m/Ωmm ²)	>58