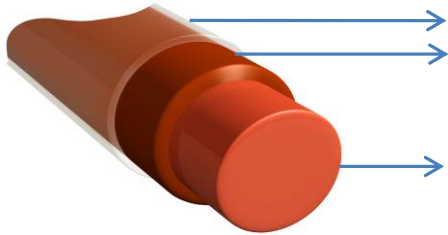


INSULATION

Polyester or Polyesterimide Enamelled Copper Wire overcoated with polyamide, Class 180



Over Coat :Polyamide

Base Coat: Polyester or Polyester-imide

Conductor: Copper

TECHNICAL PROPERTIES

STANDARDS

IEC	EN 60317 - 22
NEMA	MW 76 C
TSE	TS EN 60317 - 22

MECHANICAL

Elongation	% >1,3 x IEC Value
Mandrel Test	1 x Diameter - No Crack
Resistance to Abrasion	>2,5 x IEC Value

AVAILABILITY

0,05 - 5,00 mm.

4 - 44 AWG

THERMAL

Thermal Index	180 °C
Heat Shock	> 200 °C
Cut Through	> 285 °C

APPLICATIONS

Motors, Hermetic Motors
Refrigerant and Compressor Motors
Automotive Alternators
Torroidal Coils
Solenoids
Dry-Type Transformers
High speed winding machines

CHEMICAL

Resistance to Solvents	5H
Resistance to Refrigerants	Good
Resistance to Transformer Oil	Good

PROPERTIES

Suitable for high speed winding.
Excellent dielectric performance
Superior chemical and moisture resistance
Superior thermal overload protection
High mechanical and thermal properties

ELECTRICAL

Breakdown Voltage	>1,5 x IEC Value
Conductivity (m/Ωmm ²)	>58
Pinhole	Free