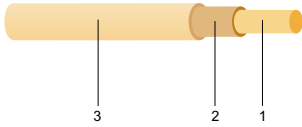




## MAGNET WIRE

# TERMANEL™ NYLON 155°C



### DESCRIPTION

1. Soft copper round conductor.
2. Insulation based on a modified polyester resin.
3. Polyamide overcoat (nylon).

### APPLICATIONS:

- Motors for household appliances.
- Motors for portable tools.
- Dry-type transformers.
- Coils for electronic applications, encapsulated coils.
- Ballasts.
- Motor winding in general.

### THERMAL CLASS:

- 155°C, class F

### PROPERTIES:

- Termanel™ NYLON combines mechanical characteristics of nylon with thermal qualities of polyester, achieving excellent windability, flexibility and abrasion resistance in a product specifically designed for high temperature operation.

### GENERAL RECOMMENDATIONS:

- Do not use Termanel™ NYLON for applications subject to excessive moisture conditions.
- Termanel™ NYLON is not compatible with transformer oil.

### COLORS:

- Amber (typical)
- Green
- Blue (14 to 30 AWG)

### SPECIFICATIONS:

The product may be designed according to any of the following standards\*:

- NEMA MW-24-C

\*If compliance with a different specification is required, please contact our Sales Department.

### CERTIFICATION:

- Quality system certified by:
- Underwriters Laboratories Inc. File E 87331.

### ORDERING INFORMATION:

- Termanel™ NYLON magnet wire, gauge, construction (single or double), quantity and packing.

Note: For product manufacturing in aluminum, please contact our Sales Department.

ROUND Termanel™ NYLON MANUFACTURING RANGE			
COLOR		SINGLE	DOUBLE
Amber (Typical)	Gauge	14 to 44 AWG	10 to 44 AWG
	Conductor Diameter	0.00488 to 1.613 mm (0.0019 to 0.0635")	0.048 to 2.536 mm (0.0019 to 0.1009")
Blue and Green	Gauge	14 to 30 AWG	10 to 30 AWG
	Conductor Diameter	0.252 to 1.613 mm (0.0099 to 0.0635")	0.252 to 2.563 mm (0.0099 to 0.1009")

Approximate data subject to normal manufacturing tolerances.