

## TECHNICAL DATA

## SOLDERABLE NYL-180 ROUND - Enamelled Copper Wire

### APPLICATIONS

Applications where connection without stripping the enamel is necessary, including automatic windings, transformers, relays, micro motors (Domestic appliances), automotive.

### PROPERTIES

Temperature class	180°C
Enamel - Base coat	Polyurethane
Enamel - Top coat	Polyamide (Nylon)
Diameters	0.112 - 2.000mm
Grades	G1, G2
Colours	Natural as standard, others to order
Breakdown voltage	1.5 x IEC value
Heat shock	> 200°C
Solderability	> 390°C for 3 seconds
Cut through	≥ 250°C
Chemical resistance	Good
Methods of test	IEC 60851
Standards (Enamel)	IEC 60317-55 ANSI type MW 80C
Standards (Packaging)	IEC 60264

### OPTIONS

SOLDERABLE NYL-180 ROUND can be produced without the Polyamide (Nylon) top coat.  
This product is designated SOLDERABLE 180 & conforms to IEC 60317-51, ANSI type MW 82C & is UL Approved.