

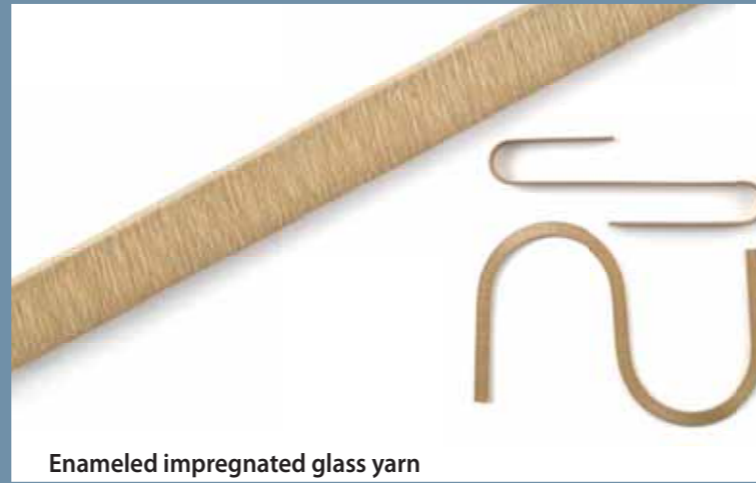
Thanks to our customers and suppliers partnerships, to our effort in research and equipment investment, **De Angeli Prodotti** developed insulated wires with glass yarn or Glass and Polyester (Daglas) blended yarns. New copper and aluminum conductors are now able to satisfy all applications where insulation has to pass the most severe mechanical, thermal and dielectric tests. Our skilled workforce (250 people) in our plant in Italy (combined area of 60.000 square meters) are pleased to serve both the European and Mediterranean markets.



Some of the applications are:

- Rotor and stator winding for high power electric motors
- Rotor and stator windings for traction motors
- Stator coil of turbine generator
- Nuclear power and wind generator etc..

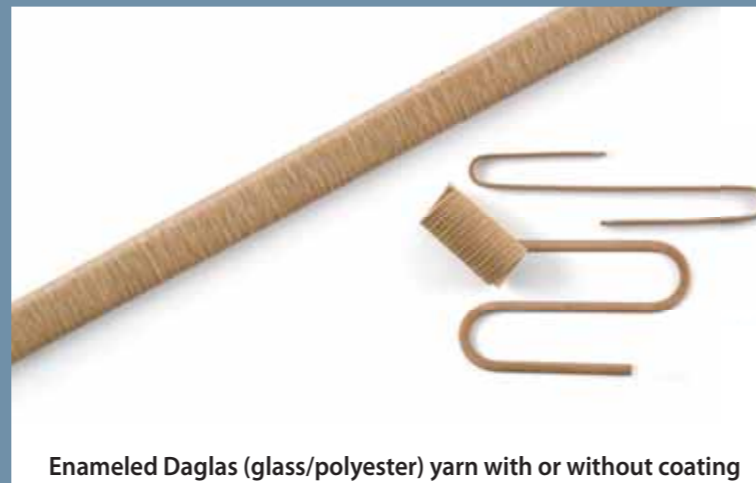
Impregnated glass yarn



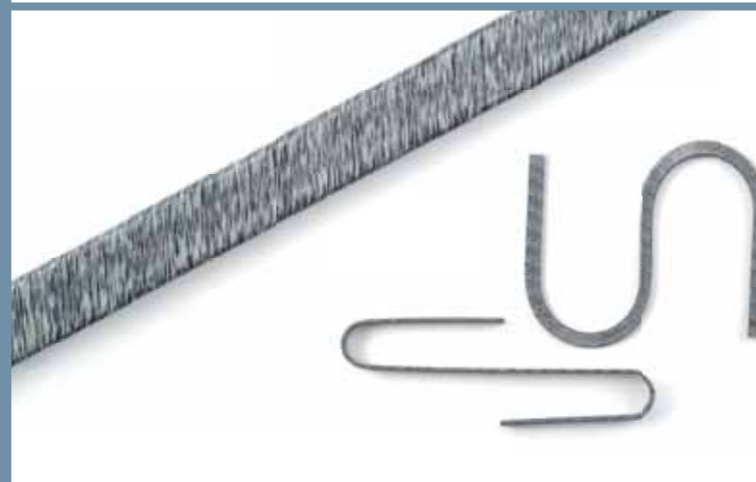
Enealed impregnated glass yarn



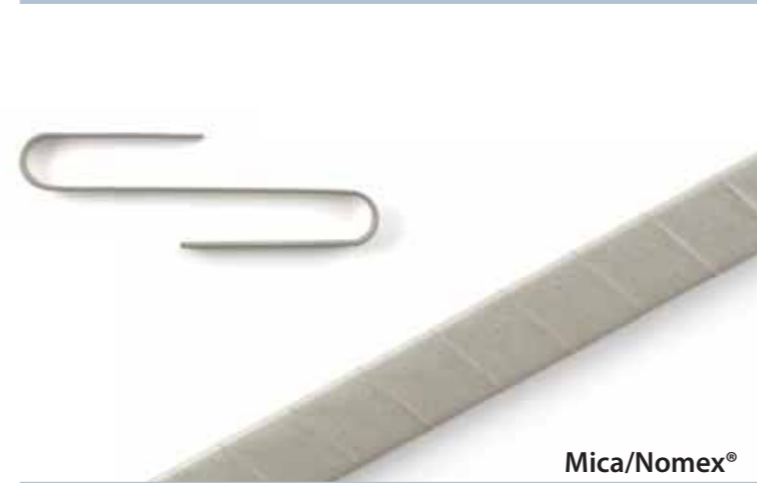
Daglas (glass/polyester) yarn with or without coating



Enealed Daglas (glass/polyester) yarn with or without coating



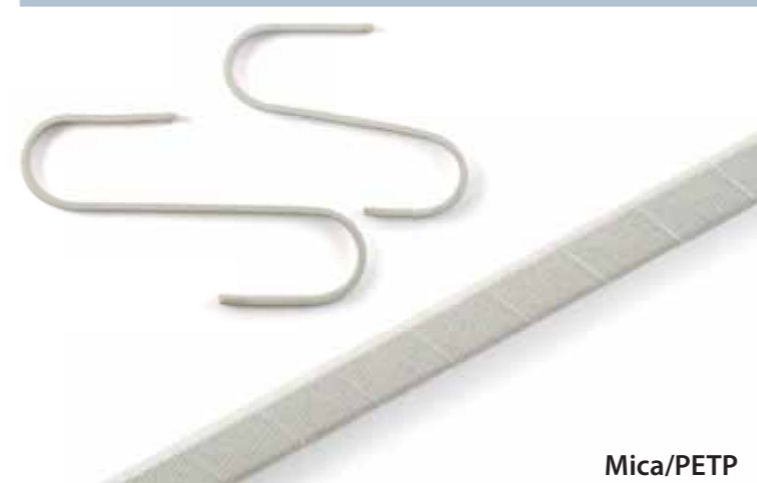
Mica/glass/PETP



Mica/Nomex®



Mica/glass



Mica/PETP



We provide tape insulated conductors, in round or rectangular cross-section, for high performance winding wires. We wrap both Aluminum and Copper wires with specific Mica tapes, in order to satisfy the most severe applications in terms of mechanical and thermal resistance.

Specific applications for Mica conductors are :

- Inverter driven motors
- High Voltage transformers
- Traction Motors



Type of insulation	Impregnated glass yarn Daglas (glass/polyester) yarn with or without coating Enealed impregnated glass yarn Enealed Daglas (glass/polyester) yarn with or without coating		COPPER AND ALUMINIUM
Type of Impregnation	Epoxy or polyester-imide resins		
Options of insulation	1-2 butt-lapped, overlapped, same direction or crossed yarns		
Standards	In according to IEC 60317-31; 60317-32; 60317-33 On request		
Conductor material	copper and aluminium flat and round wires		
Physical state	Hard or soft		
Standard dimensions	FLAT	Width Thickness Section	3,00 - 20,00 mm 1,00 - 9,00 mm 6,00 - 100,00 mm ²
	ROUND	Ø	up to 6 mm
Packaging	din 500; din 710; din 800 in according to DIN 46399		

Type of insulation	Mica/PETP Mica/PETP/epoxy resin Mica/glass Mica/glass/PETP Mica/Nomex®	Conductofol® 2009 Conductofol® 0264 Poroband® 0410 Feinmicaglas® 0986 Nomex® T418	Thermal class °C
Options of insulation	1 ÷ 4 butt-lapped, overlapped, same direction or crossed tapes		
Standards	According to customer's specifications		
Standard dimensions	FLAT	Width Thickness	COPPER mm ALUMINIUM mm
	ROUND	Ø	2,00 - 6,00 4,00 - 15,00 3,00 - 8,00
Packaging	din 500; din 710; din 800; din 1000 in according to DIN 46399		