

Guerzoni

Insulation materials



Company Profile

For over 30 years Guerzoni Insulation Materials produces flexible insulators for transformers, electrical motors, cables, flat wire and generators.

Nowadays Daniele and Riccardo Guerzoni continue to concentrate their efforts in research and innovation, which lead the company to become one of the most reliable and active ones on the market.

What makes unique Guerzoni is the large portfolio product which differs from flexible films and laminates to Saint Gobain adhesive tapes, Safty thermal protector, sleeving tubes, cables, mica and so on.

Thanks to a flexible production system and the capacity of its collaborators, Guerzoni is able to satisfy every customer's requirement by guaranteeing deliveries in a very short time.

Today the production consists of 8 cutting machines able to:

- Work on thicknesses from 0.007 up to 1.40 μm of any film and dielectric flexible laminate;
- Cut Heights According to customer's requests starting from 4mm;
- Supply coils with diameters up to 800mm.

In addition to 3 machining machines for:

- Jagging;
- Thermoforming shingles;
- Die;
- Beading.



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INSULATION CLASS

>800°

Mica:
Moscovite
Flogopite

220°C

Flexible Film:
Aramidi Paper NOMEX®T410
Aramidi Paper

200°N

NKN

180°H

Flexible Laminates:
NP H, NPN, H
AP H, APA, H
NKN, KP
AK

Flexible Film:
Polymide
Kapton

Adhesive Tapes:
GL 96, 99
H20
560

Branding Tapes:
PH200N

Sleeving Tubes:
15C

Cables:
Silicone Cables
Glass-Silicone Cables
Teflon Cables

155°F

Flexible Laminates:
NP, NPN
AP, APA
DM, DMD
B-Stage

Adhesive Tapes:
GL94
PT20/20
PX50

Branding Tapes:
PP30N

Sleeving Tubes:
PEF4
APF

Cables:
Unilev Cables
Uniray Cables

130°B

Flexible Film:
PET

Adhesive Tapes:
PT 25, P31, PR25, PR30

Cables:
GHR

Pressboard

120°E

Paper Based:
Presspaper
DDP

105°A

Kraft Paper

PRODUCTS

Flexible Film

Insulation class : B 130°

thickness mm

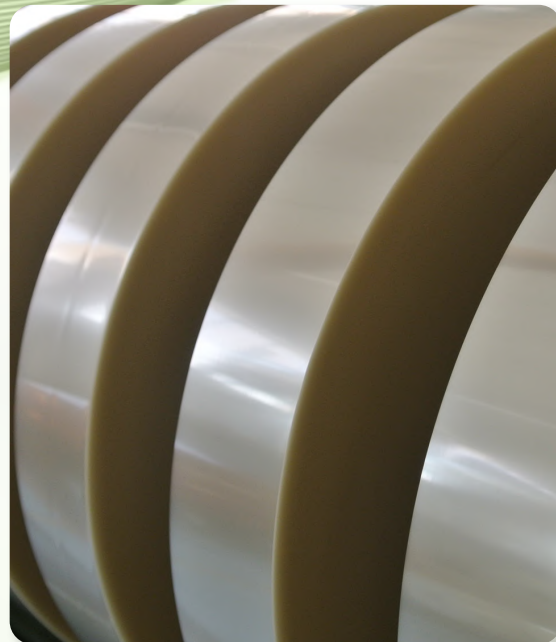
Pet mylar	0,012 - 0,023 - 0,036 - 0,05 - 0,075 - 0,10 0,125 - 0,19 - 0,25 - 0,3 - 0,35 - 0,50 - 0,70 0,90 - 1,00 - 1,20
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Insulation class : H 180°

Polymide Kapton	0,03 - 0,05 - 0,075 - 0,125
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Insulation class : C 220°

Nomex T410	0,05 - 0,08 - 0,13 - 0,18 - 0,25 - 0,30 0,38 - 0,51 - 0,76
Aramid paper	0,05 - 0,08 - 0,13 - 0,18 - 0,25 - 0,30 0,38 - 0,51 - 0,76



Flexible Laminates

Insulation class : F 155°

thickness mm

NP – AP	0,08 - 0,11 - 0,13 - 0,16 - 0,18 - 0,25 - 0,31 - 0,41
NPN – APA	0,13 - 0,15 - 0,17 - 0,19 - 0,22 - 0,24 - 0,31 - 0,37 - 0,47
DM	0,08 - 0,11 - 0,14 - 0,16 - 0,20 - 0,24 - 0,30 0,35 - 0,40
DMD	0,13 - 0,15 - 0,18 - 0,20 - 0,23 - 0,30 - 0,35 0,45 - 0,50 - 0,60 - 0,70 - 0,80 - 0,90 1,00 - 1,20
Prepeg	0,17 - 0,20 - 0,22 - 0,25 - 0,31

Insulation class : H 180°

KP	0,048 - 0,075 - 0,13
AK	0,08
NP H – AP H	0,08 - 0,11 - 0,13 - 0,16 - 0,18 - 0,25 - 0,31 0,41
NPN H – APA H	0,13 - 0,15 - 0,17 - 0,19 - 0,22 - 0,24 - 0,31 0,37 - 0,47
NKN	0,18 - 0,23 - 0,30 - 0,37



PRODUCTS

Paper Based

Insulation class : A 105°

	<i>thickness mm</i>
Krafth paper	0,05 - 0,075

Insulation class : E 120°

DDP	0,05 - 0,075 - 0,10 - 0,13 - 0,18 - 0,25 0,36 - 0,50
Presspaper	0,10 - 0,15 - 0,20 - 0,25 - 0,30 - 0,40 0,50 - 0,60 - 0,8 - 1

Insulation class : B 130°

Pressboard	1 - 1,5 - 2 - 3 - 4
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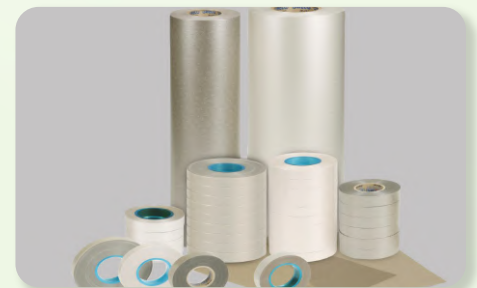
Thermal protector



Guerzoni is the only distributor of Safty, leader in production of thermal protectors, an eletromechnical safety devices that protect electronic equipment in case of electronic malfunctions that cause an increase in the temperature of the windings. Among the most representative and used: PTC, PT100, KTY84, Motor and Fuses.

Mica

Guerzoni is the only official distributor of producton Mica Sweco, among the most innovatve and modern companies in the producton of Mica-based insulaton material. There are different types of Mica, from Phlogopite to Moscovite, which are used according to the use and applicaton of the final customer according to the dielectric characteristics.



Adhesive Tapes



We are official distributors of H-old® Saint Gobain, a leading company in the production of dielectric adhesive tapes. Saint Gobain presents a wide range of certified products for the electro-mechanical industry which, thanks to a deep know-how, offer the maximum performance in terms of quality and yield for the windings of electric motors, dry-type transformers and flat.

Sleeving Tubes

Wide series of sleeving tubes that vary according to the material, insulation class, diameter and color according to the customer's request:

- 15C/GES Glass silicone sleeving tubes from 1.5, 2.5 and 4 kw with insulation class H;
- HPEF4/GVF polyurethane sleeving tubes with insulation class F;
- APF/GVF10 acrylic sleeving tubes with insulation class F;
- PLF Heat Shrink Tubing;
- 21F/21C Insulated glass sleeving tubes;
- GEP Polyester Stretch sleeving tubes;
- PVC sleeving tubes.

The available diameters range from 0.8 to 25mm, also already cut to size.



Cables



Guerzoni has a wide range of cables that vary depending on the class of insulation, voltage and colour:

- Unilev Cables;
- Uniray Cables;
- Teflon Cables;
- Silicone Cables;
- Glass-Silicone Cables;
- GHR Cables for refrigeration units.

Intercable Tools

We are sole distributors for the electromechanical market of Intercable Tools since years. It is one of the world's leading manufacturers of professional 1,000V insulated tools and special equipment for the production of joints and terminals, intended for electrical distribution companies, power applications, contractors, electricians, industry, distributors of electrical material.



Scan the QR Code and discover our products!





Partner

We have been collaborating for years with leading partners in the electromechanical sector to guarantee a service with high quality standards.



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