
Guerzoni
Insulation materials

OUR VALUE PROPOSITION

For over 30 years Guerzoni Insulation Materials has been producing flexible insulators for transformers, electrical motors, cables, flat wire, generators.

Now the company continues to concentrate its efforts on research and innovation, which have made it **one of the most reliable and active player on the market.**

What makes Guerzoni unique is its broad product portfolio, which ranges from flexible films and laminates to Saint-Gobain adhesive tapes, safety thermal protector, sleeving tubes, cables, and mica.

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 10 CUTTING MACHINES ABLE TO:

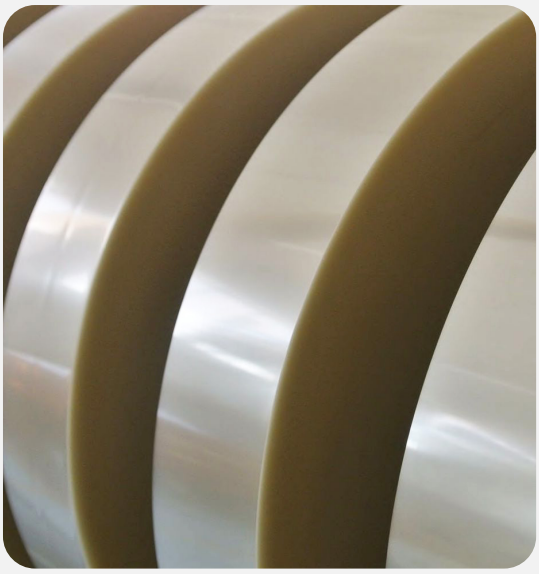
- Work on thicknesses from 7 up to 1500 µm of any film and dielectric flexible laminate
- Cut heights to the customer's requirements, starting from 4 mm
- Supply coils with diameters up to 800 mm

IN ADDITION, 3 CONVERTING MACHINES FOR:

Thermoforming shingles

Beading | Jagging | Die





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 – 0,30 – 0,35 – 0,50 0,70 – 0,90 – 1,00 – 1,20

INSULATION CLASS: H 180°

Polyimide Kapton®	0,03 – 0,05 – 0,075 – 0,125

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

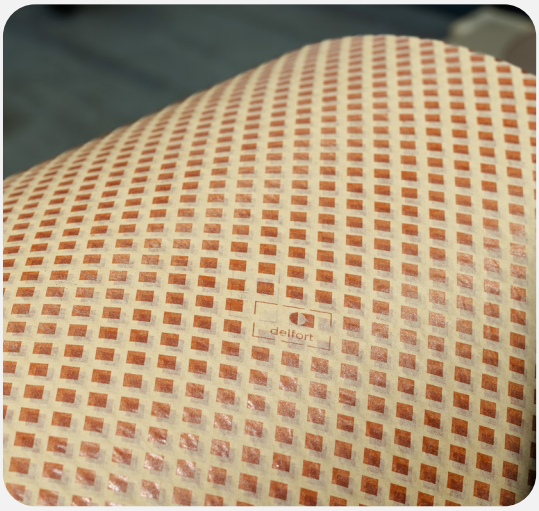
INSULATION CLASS: F 155°

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
Prepreg	0,17 – 0,20 – 0,22 – 0,25 – 0,31

INSULATION CLASS: H 180°

KP	0,048 – 0,075 – 0,10 – 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



Paper Based

INSULATION CLASS: A 105°

Thickness (mm)

Kraft Paper	0,05 – 0,063 – 0,075 – 0,135

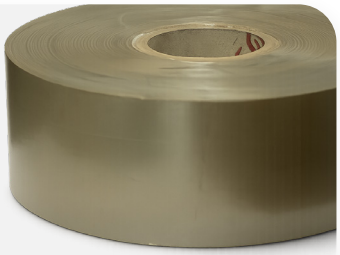
INSULATION CLASS: E 120°

DDP TU	0,05 – 0,075 – 0,10 – 0,13 – 0,18 – 0,25 0,30 – 0,38 – 0,50
Presspaper	0,10 – 0,15 – 0,20 – 0,25 – 0,30 – 0,40 0,50 – 0,60 – 0,70 – 0,80 – 0,90 – 1,00

INSULATION CLASS: B 130°

Pressboard	0,8 – 1 – 1,5 – 2 – 3 – 4 – 5

PRODUCTS



Mica

Guerzoni is the only official distributor of production Mica Sweco, one of the most innovative and advanced manufacturers of mica-based insulation materials. There are different types of Mica, from phlogopite to muscovite, selected according to the end customer's application and the required dielectric characteristics.

Scan the QR Code

and discover our products!

Intercable Tools

We have been the sole distributors of Intercable Tools for the electromechanical market for many years. It is one of the world's leading manufacturers of professional 1,000 V 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.









Cables

Guerzoni has a wide range of cables, which vary in insulation class, voltage and colour:

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





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 deep expertise, offer maximum performance in terms of quality and yield for the windings of electric motors, dry-type transformers and flat wire.

Sleeving Tubes

A wide range of sleeving tubes, available in different materials, insulation classes, diameters and colours to suit the customer's requirements:

- 15C Glass silicone sleeving tubes from 1.5, 2.5 and 4 kw with insulation class H
- PEF polyurethane sleeving tubes with insulation class F
- APF acrylic sleeving tubes with insulation class F
- PLF Heat Shrink Tubing
- 2IF/2IC 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.



Thermal Protector

Guerzoni is the Italian distributor of Saftty, a leading manufacturer of thermal protectors:
electromechanical 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.



INSULATION CLASS

>800°

MICA:

Muscovite
Phlogopite

220°C

FLEXIBLE FILM:

NOMEX® T410
Aramid Paper

200°E

NKN

180°H

FLEXIBLE LAMINATES:

NP H, NPN H
AP H, APA H
NKN, KP
AK

FLEXIBLE FILM:

Polyimide®
Kapton®

ADHESIVE TAPES:

GL96, 99
H20
560

BANDING TAPES:

PH200N

SLEEVING TUBES:

15C

CABLES:

Silicone Cables
Glass-Silicone Cables
Teflon Cables

155°F

FLEXIBLE LAMINATES:

NP, NPN
AP, APA
DM, DMD
Prepreg

ADHESIVE TAPES:

GL94
PT20/20
PX50

BANDING TAPES:

PP30N

SLEEVING TUBES:

PEF4
APF

CABLES:

Unilev Cables
Uniray Cables

130°B

FLEXIBLE FILM:

PET MYLAR

ADHESIVE TAPES:

PT25, P31, PR25, PR30

CABLES:

GHR

120°E

PAPER BASED:

Pressboard
Presspaper
DDP TU

105°A

KRAFT PAPER

BEHIND
OUR WORK



Daniele



Riccardo



Floriana



Valentina



Giorgia



Claudio



Luciano



Arabella



Kushi



Susanna

BEHIND
OUR WORK



Luca



Cristian



Daniel



Gabriele



Gabriele



Matteo



Mattia



Nicolas



Youssef



Mattia



Federico



Aurora

Guerzoni
Insulation materials

X

SAINT-GOBAIN

intercable TOOLS

SWECO
Electrical Insulating Materials

FREUDENBERG
INNOVATING TOGETHER

SAFTTY®

metastar®

ICC
Italian Cable Company S.p.A.

delfort

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

GET IN TOUCH
with us!

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