

Innovation, quality and safety at the service of selected customers.
Flexibility and transparency at every stage of product development, punctuality, **reliability** and **maximum customisation** of all the solutions.

Your partner of excellence for the development and delivery of technologically advanced, high value-added solutions



Vergato (BO) plant
Registered office
Via Molino Malpasso 65
40038, Vergato (BO)
+39 051 674 0082
pietrogalliani@pietrogalliani.com

Grizzana Morandi (BO) plant
Operational headquarters
Località Campiario 131
40030, Grizzana Morandi (BO)
+39 051 674 0082
pietrogalliani@pietrogalliani.com

www.pietrogalliani.com



Cables

Aluminium
Copper
Non-woven fabric foils



Aluminium, copper and copper alloy laminated foils Copper and non-woven fabric foils

PRODUCTS

Aluminium laminates: the most common type of electromagnetic cable shielding.

Copper laminates: a high-end cable shielding that guarantees the highest conductor protection.

Copper foils: used as ultra-thin tape in flat cables and in the automotive industry.



Applications

- Data/signal cables
- Special cables
- Marine/Offshore cables
- Automotive cables
- Coaxial cables
- Video surveillance cables

Service

We accept orders for even the smallest production quantities and guarantee our customers fast and reliable delivery times. We offer customised solutions, designed and developed to express the proper characteristics and suit unique production cycles.



| Product | Copper - Aluminium Material | Thickness | Formats | Mechanical properties | Surface |
|---------|---|--|--|---|--|
| Al | Different alloys available; selection of glues and polymers targeted for specific required ranges of mechanical properties. | Lamination up to 5 layers from 23 my in total; thickness tolerance +/- 5%; 6 - 1000 mm width | Slit pads with a maximum outer diameter of 1 m; coils with a maximum outer diameter of 480 mm (strip length up to 100 km) | Elongation up to 80% ; peeling test available | Lubrication with the lowest coefficient of friction and maximum reduction of residues. |
| Cu | More temperature-resistant or sealable within specific temperature ranges combinations of copper types, copper alloys and polymers | Thicknesses from 8 my; thickness tolerance standard +/- 10%; reducible to +/- 5% for special products | Reel length up to 20 km Maximum outer diameter for slit pads 600mm | Annealed material with R < 260 ; elongation up to 20% for ultra-thin material (about twice the market standard) | A special annealing process guarantees the absence of oil (measurable in mg/m ²); flatness < 5 i-units; the copper side of the laminate is protected with a passivating solution (anti-corrosion protection) |