

**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



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**RFID, PCB, FPC**

Copper  
Aluminium



# Copper, copper alloy and aluminium foils, other rolled products

## PRODUCTS

**Copper foils:** different types of copper available to best suit specific requirements.

**Aluminium foils:** maximum flexibility for customised solutions.

**Other rolled products:** most small devices that transmit or receive data need customised metal foils to ensure stable performance over time.



## Applications

RFID





PCB

FPC

## 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
<b>Cu</b>	Different types of copper and copper alloys available on request	Thicknesses from a minimum of <b>8</b> $\mu$ m; standard thickness tolerance +/- 10%, can be reduced to +/- 5% in special products; minimum width 1mm	Coil length up to <b>20km</b> ; maximum outer diameter for slit pads <b>600mm</b>	Hard material with <b>R &gt; 350</b> ; annealed material with <b>R &lt; 260</b> ; special materials available on request (with grain uniformity analysis).	<b>Special annealing process</b> ensures absence of oil (measurable in mg/m <sup>2</sup> ); flatness < 5 i-units; degreased hard products on request
<b>Al</b>	Selection of glues and polymers targeted to specific ranges of mechanical properties required	Lamination up to 5 layers; thickness tolerance +/- 5%; width 6 - 1000mm	Slit pads with max. 1m outer diameter; coils with max. 480mm outer diameter (tape length > 100km in some cases)	Elongation up to 80%; peeling test available	<b>High etching capability</b> ; surface treatments available on request
<b>Other rolled products</b>	<b>Metal-on-metal</b> lamination; different types of <b>adhesives</b> with different degrees of adhesiveness and heat resistance; possibility to make any single metal foil adhesive; polymers suitable for aerospace applications.	Different combinations depending on the materials used.	<b>Customisable formats</b> on request	<b>Special alloys</b> can be developed according to requirements	Very low roughness values; high geometric precision