



# La MISOLET

**Lavorazione Materiale Isolante Elettrico e Termico**

Lavorazioni CNC e tradizionali a disegno  
Minuterie tranciate  
Vendita diretta  
Lastre o pannelli a misura – Tondi – Tubi di:  
Tela Bachelizzata e Carta Bachelizzata  
Vetroresina Epossidica Nema G10 e G11,  
Siliconica Nema G7 e Melaminica Nema G5  
Vetroresina Poliestere GPO3  
Materiali Termoisolanti – Mica e Micanite  
ATTREZZERIA INTERNA

## DATA SHEET

**Laminate:**

**MISOPOL**

**Description:** Antistatic laminate made of high temperatures resistance resins and glass mat

**Applications:** Misopol is used in the PCB assembly process

		unit	average values
<b>Physical properties</b>	Colour		black
	Specific gravity	g/cm <sup>3</sup>	1,85
	Glass mat contents	%	about 70
	Water absorption	%	0,19
	Chemical products resistance		Excellent
	Sheet size	mm	2440x1220
	Thickness available	mm	3 ÷ 12
<b>Mechanical properties</b>	Flexural strength	N/cm <sup>2</sup>	35000
	Surface resistivity	Ω	10 <sup>6</sup>
<b>Thermal properties</b>	Thermal classification		H (180°C)
	Continuous operating temperature	°C	260
	Maximum operating temperature	°C	340
	Thermal conductivity	W/mK	0,25
	Coefficient of linear expansion	m/mK	11 10 <sup>-6</sup>

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<b>Tolerances on thickness from 3 to 10 mm</b>			
Thickness tolerance	mm		$\pm 0,10$
Flatness tolerance (300 x 300 mm)	mm		$\pm 0,10$
Parallelism	mm		$\pm 0,10$
<b>Tolerances on thickness from 11 mm</b>			
Thickness tolerance	mm		$\pm 0,15$
Flatness tolerance (300 x 300 mm)	mm		$\pm 0,10$
Parallelism	mm		$\pm 0,10$

We are available to effect cutting to measurement as well as machining to drawing of parts by CNC.

TO BE KEPT in dry stores, in a horizontal position.

The values shown above are indicative as they represent the average values observed during our routine control tests.

The user must make sure that the product he requests is compatible with the use to which it is destined.