



EUROMAT MIL T1 e T2

General properties	Unit
Raw material	100% high density Polyethylene
Size	2410x1200x12 mm.
Thickness	12 mm.
Weight m ²	12.1 kg.
Weight per Mat	35,0 kg.

General properties	Unit	HDPE
Density	Kg./m ³	940 - 965
Shrinkage	%	2 - 4
Water absorption	%	0.01
Thermal expansion	e-6/K	110 - 130
Thermal conductivity	W/m.K	0.46 - 0.52
Specific heat	J/Kg.K	1800 - 2700
Melting temperature	°C	108 - 134
Glass temperature	°C	-110 - - 110
Service temperature	°C	-30 - +85
Resistivity	Ohm.mm ² /m	5e+17 - 1e+21
Breakdown potential	kV/mm	17.7 - 19.7
Dielectric loss factor		0.0005 - 0.0008
Friction coefficient		0.25 - 0.30
Refraction index		1.52 - 1.53

Certifications	Unit	Reference standard
Compression test	11.000 kN/m ²	UNI EN ISO 604:2008
Three Point Bend test	24.000 kN/m ²	UNI EN ISO 178:2011

Health and Safety Information

Critical hazards to man environment	None
Environment	The disposal of the material presents no danger regarding toxicological or ecological considerations. Due to low solubility, bio-availability unlikely.
Solubility in water	Insoluble
Regulatory	Not classified as hazardous under transport regulations
Melting point	Crystalline Melt Temperature 108 – 134 °C
Ignition Temperature	> 360 °C
Thermal decomposition	> 390 °C
Stability and reactivity	No possibility of degradation under normal circumstances. Degradation will only occur above the decomposition temperature.
Toxicology	Not harmful to health under normal conditions.

Lungo tutti i lati del pannello sono presenti delle maniglie per agevolare il trasporto e la movimentazione. Ogni pannello può essere collegato con gli altri sia sui lati maggiori che su quelli minori per mezzo di sistemi di connessione:

- Connettore Fast Fit in acciaio al carbonio
- Connettore U-Pin in materiale ferroso
- Connettore Uretano a 2 vie in materiale plastico
- Connettore Uretano a 4 vie in materiale plastico

(Le indicazioni sopra riportate necessitano sempre di una ulteriore e attenta analisi prima dell'acquisto)

EUROMAT-MIL T1



EUROMAT-MIL T2

