



## PYRO-SAFE® B M 3100

### Insulation Materials

#### Description

PYRO-SAFE® B M 3100 is a non-flammable mat based on calcium magnesium silicate and is used for thermal insulation. Due to the enormous temperature resistance of up to 1200°C, the mat is mainly used in the insulation of battery systems, storage/transport units and in vehicle construction.

#### Application Areas

- Storage & transport
- Module & system level
- On request



#### Delivery and Packaging

PYRO-SAFE® B M 3100								
Lengths [mm]	14640		7320		5000		3660	
Thicknesses [mm]	13		25		38		50	
Width [mm]	610	1220	610	1220	610	1220	610	1220
Special formats	available on request							
Article number	on request							

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## **PYRO-SAFE® B M 3100**

### **Technical Data**

<b>Composition</b>	Insulating building material based on calcium magnesium silicate
<b>Material structure</b>	Light, flexible and compressible panel material
<b>Bulk density [kg/m<sup>3</sup>]</b>	128 [(± 10 %) at 25 mm]
<b>Temperature resistance [°C]</b>	1200
<b>Melting point [°C]</b>	From approx. 1330
<b>Tensile strength [N/mm<sup>2</sup>]</b>	approx. 0.07
<b>Storage</b>	Dry, indoors
<b>Safety information</b>	Not a hazardous substance per the German ordinance on hazardous substances [GefStoffV] and not a hazardous good per the German ordinance on dangerous goods [GGVS/ADR]. Further information can be found in the safety data sheet.