

**Glass Needle Mat**

<b>Product Name</b>	Glass Needle Mat					
<b>Product Colour</b>	White					
	This product is Manufactured from E grade glass fibre using controlled fibre diameters to ensure a constant volume and a favourable co-efficient of thermal conductivity. The mat is compacted without the use of a binder in a mechanical needling process producing optimum strength and stability.					
<b>Product Specification</b>	<b>Thickness:</b> 25mm <b>Weight:</b> 3300 g/m <sup>2</sup> <b>Density:</b> 130 kg/m <sup>3</sup>					
<b>Thermal Conductivity</b>						
<b>Temperature:</b>	100°C	150°C	200°C	300°C	500°C	550°C
<b>Conductivity:</b>	0.045 W/mK	0.051 W/mK	0.059 W/mK	0.078 W/mK	0.130 W/mK	0.140 W/mK
<b>Temperature Resistance</b>	This product operates on a continuous basis at temperatures of up to 550°C. Its melting point is around 825°C					