



Technical Data Sheet

**HAZGARD 5000<sup>HT</sup> – Polyvinyl Carbonate Geomembrane**

HAZGARD products as manufactured by Layfield Inc.:

The HAZGARD5000HT is Layfield Inc.'s strongest supported geomembrane and is formulated to withstand continuous temperatures up to 90 C (194 F) and to contain hydrocarbons at elevated temperatures in the event of a spill.

Properties	Test Method	HAZGARD 5000 <sup>HT</sup>	
		Metric Units	English Units
<b>Thickness</b>	ASTM D1593		
<i>Nominal</i>		0.75 mm	30 mil
<i>Minimum</i>		0.75 mm	30 mil
<b>Tensile Properties</b>	ASTM D751		
<i>Tensile Strength</i>		2700 N	600 lbf
<i>Elongation at Break</i>		25 %	25 %
<b>Tear Resistance</b>	ASTM D751B	556 N	125 lbf
<b>Low Temp. (pass)</b>	ASTM D2136	-30 °C	-22 °F
<b>Specifications for Factory Fabricated Seams</b>			
<b>Heat Bonded Seam Strength</b>	ASTM D6392	36.8 N / mm	210 lbs / in
<b>Heat Bonded Peel Adhesion Strength</b>	ASTM D6392	3.5 N / mm	20 lbs / in