

## Weed Gunnel

**Weed Gunnel** is a polypropylene non-woven style of weed control mat, that does not harm your soil structure, while allowing natural air and moisture circulation below the mat

**Weed Gunnel** is UV treated for extended life and hydrophilic to facilitate easy passage of water through the mat

### Properties

Properties	Method	Value	
<b>Mass/Unit Area</b>	AS 2001.2.13	50 g/m <sup>2</sup>	
<b>Determination of Breaking Force &amp; Extension at break</b> Breaking Force Extension at break	AS 2001.2.13	<b>Original</b>	<b>After exposure to UV Light (SAE J1885 for 225 kJ/m<sup>2</sup>)</b>
		112 N/50mm	113 N/50mm
		67.5%	47.5%
<b>Tear Strength – Trapezoidal Tear</b>	AS 3706.3	<b>Machine Direction</b> 62.3N	<b>Lateral Direction</b> 36.4N
<b>Bursting Strength – California Bearing Ratio</b>	AS 3706.4	193kN	
<b>Determination of Permittivity</b> Flow rate under 100m Head (Q <sub>100</sub> )	AS 3706.9	<b>Permittivity</b>  1.64s <sup>-1</sup>	<b>Coefficient of Permittivity</b> 5.9 x 10 <sup>-4</sup> m/s
		164 l/m <sup>2</sup> /s 164L per m <sup>2</sup> per second passing	
<b>UV-Visible Light Transmission</b> 290-770nm UVR 290-400nm PAR 400-770nm UVR Block	AS 4174	<b>Percentage Transmission</b>	
		4.9%	
		4.0%	
		5.1%	
		96.0%	

The above results were obtained on randomly tested sample of product.

Full details of these tests are given in AWTA Textile Testing Test reports 7-493417 and 7-493205.

Copies are available on request.

### UV Light Performance

Testing by AWTA Textile Testing has shown that the product retains a significant amount of strength after extended UV light exposure with some reduction in extensibility.