

Building Australia’s future



Introducing InfraThread450NW - PET

InfraThread450NW-PET is a high-strength, nonwoven PET geotextile optimised for heavy-duty separation and drainage. With strong puncture resistance, UV stability, and consistent hydraulic performance, it is ideal for demanding applications across Australian roadworks, retaining structures, and landfill capping.

APPLICATIONS

- ✔ Filtration
- ✔ Separation
- ✔ Drainage
- ✔ Reinforcement

Technical Specifications

Properties	Test method	Unit	Test Value (MARV)
Ultimate Tensile Strength(MD)	AS3706.2	kN/m	30
Ultimate Tensile Strength(TD)	AS3706.2	kN/m	28
Tensile Elongation	AS3706.2	%	60
Grab Tensile Strength (MD)	AS3706.2	N	1900
Grab Tensile Strength (TD)	AS3706.2	N	1600
Grab Elongation	AS3706.2	%	60
Trapezoidal Tear Strength(MD)	AS3706.3	N	710
Trapezoidal Tear Strength(TD)	AS3706.3	N	690
CBR Puncture Strength	AS3706.4	N	4800
Apparent opening Size O ₉₀	AS3706.7	mm	0.07
Water Flow Q ₁₀₀	AS3706.9	L/m2/s	75
U.V. Resistance @ 500h	ASTM D4355	%	70
Mass	AS3706.7	g/m2	450