

Building Australia’s future



Introducing InfraThread500NW - PET

InfraThread500NW-PET is a premium-grade PET long yarn filament geotextile delivering outstanding strength and hydraulic capacity. It offers reliable filtration and reinforcement for high-load, long-life applications, including rail, mining, and coastal infrastructure exposed to harsh environmental conditions.

APPLICATIONS

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

Technical Specifications			
Properties	Test method	Unit	Test Value (MARV)
Ultimate Tensile Strength(MD)	AS3706.2	kN/m	37
Ultimate Tensile Strength(TD)	AS3706.2	kN/m	34
Tensile Elongation	AS3706.2	%	60
Grab Tensile Strength (MD)	AS3706.2	N	2100
Grab Tensile Strength (TD)	AS3706.2	N	1800
Grab Elongation	AS3706.2	%	60
Trapezoidal Tear Strength(MD)	AS3706.3	N	770
Trapezoidal Tear Strength(TD)	AS3706.3	N	750
CBR Puncture Strength	AS3706.4	N	5800
Apparent opening Size O ₉₀	AS3706.7	mm	0.065
Water Flow Q ₁₀₀	AS3706.9	L/m2/s	70
U.V. Resistance @ 500h	ASTM D4355	%	70
Mass	AS3706.7	g/m2	500