

Building Australia’s future



Introducing InfraThread400NW - PET

InfraThread400NW-PET is a high-strength, long yarn filament geotextile engineered for performance in Australia’s diverse infrastructure and environmental projects. With excellent permeability, tensile strength, and puncture resistance, it offers reliable filtration, drainage, and separation. Needle-punched for durability and UV-stabilised, this nonwoven geotextile is ideal for high-load and long-life applications.

APPLICATIONS

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

Technical Specifications

Properties	Test method	Unit	Test Value (MARV)
Ultimate Tensile Strength(MD)	AS3706.2	kN/m	27
Ultimate Tensile Strength(TD)	AS3706.2	kN/m	25
Tensile Elongation	AS3706.2	%	60
Grab Tensile Strength (MD)	AS3706.2	N	1700
Grab Tensile Strength (TD)	AS3706.2	N	1450
Grab Elongation	AS3706.2	%	60
Trapezoidal Tear Strength(MD)	AS3706.3	N	630
Trapezoidal Tear Strength(TD)	AS3706.3	N	610
CBR Puncture Strength	AS3706.4	N	4400
Apparent opening Size O ₉₀	AS3706.7	mm	0.075
Water Flow Q ₁₀₀	AS3706.9	L/m2/s	80
U.V. Resistance @ 500h	ASTM D4355	%	70
Mass	AS3706.7	g/m2	400