

Building Australia's future



InfraThread22NW – PP

InfraThread22NW – PP is a lightweight polypropylene nonwoven geotextile designed for use in drainage protection, packaging, and separation applications. Its lightweight hydrophilic and consistent low mass per unit area make it ideal for high-flow drainage media and industrial applications across Australian conditions, where quick wet-out and reliable performance are essential. It delivers reliable mechanical performance and excellent surface uniformity, making it ideal for construction and general industrial use.

APPLICATIONS

- Filtration
- Drainage Protection
- Lightweight Separation
- Temporary Site Cover

Technical Specifications

Properties	Unit	
Color		White
Material		Polypropylene
Weight	g/m ²	≥ 22*
Width	m	1.57
Thickness	mm	0.19
Permittivity @ 20 °C	s ⁻¹	3.7
Flow Rate	L/m ² /s	190
Permeability	m/s	1.0 × 10 ⁻³
Tensile Strength (MD)	N/5cm	32.3
Tensile Strength (TD)	N/5cm	23.9
Elongation at Break (MD)	%	82.47
Elongation at Break (TD)	%	63.07

Notes:

1. MD refers to the Machine Direction, while TD stands for Transverse Direction.
2. *Mass per unit area is controlled to a minimum of 22 g/m². Actual supplied values may be higher.