CIVIL & CONTAINMENT ENGINEERING
JUTA geoNETEX A PP TECHNICAL DATA SHEET



geoNETEX A PP

JUTA geoNETEX A PP (300 TT) is a nonwoven geotextile manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength, high extensibility, high loft and excellent abrasion characteristics.

6 m Roll Dimensions	6 m x 100 m
6 m Roll Weight (600 m²)	200 kg
2 m Roll Dimensions	2 m x 100 m
2 m Roll Weight (200 m²)	60 kg

TITANTECH®
For developers of brownfield and contaminated sites the TITANTECH® family of products represent a major step forward in safeguarding projects against gaseous and chemical contamination.

Intended for use in separation, filtration and protection functions - JUTA UK's non-woven geotextile range is manufactured from high tenacity virgin polypropylene staple fibres, which have a high resistance to acids, alkalis and most solvents. Polypropylene can be considered as inert acid and alkali attack and is suitable for most geosynthetic applications.

Handling
Roll weights can be 200 kg and hence appropriate equipment is required for unloading and handling e.g. front-end loader, back hoe, forklift (pole truck) or crane.

Storage
Rolls of geotextile should be stored on stable/level ground and stacked not more than five rolls high, with no other material stacked on top. The rolls can be stored outdoors when packed, but should be protected from exposure to UV.

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Feature	Characteristics	Test Method	geoNETEX A PP
Mechanical Properties	Static Puncture Strength (CBR)	BS EN ISO 12236	3.7 kN (- 10%)
	Mass per Unit Area	EN ISO 9864	300 g/m2 (- 20%)
	Thickness @ 2kPa	BS EN ISO 9863:1	1.25 mm (nominal)
	Push Through Displacement	BS EN ISO 12236	65 mm
	Tensile Strength (MD)	BS EN ISO 10319	24 kN/m (- 10%)
	Tensile Strength (CMD)	BS EN ISO 10319	24 kN/m (- 10%)
	Tensile Elongation (MD)	BS EN ISO 10319	65% (± 20%)
	Tensile Elongation (CMD)	BS EN ISO 10319	75 % (± 20%)
	Dynamic Perforation Test	BS EN ISO 13433	15 mm (+ 3)
Hydraulic Test Data	Apparent Pore Size 90% Finer (O_{90})	EN ISO 12956	80 µm (± 20)
	Water Flow	BS EN ISO 11058	60 l/s/m² (- 15)
Durability Data	Resistance to Weathering (UV)	EN 12224	> 90%
	Resistance to Oxidization (100 years)	EN 12226	> 90%
	Microbiological Resistance	EN 12225	No Loss
	Resistance to Liquids	EN 14030	No Loss
Physical Property Data	Roll Dimensions		6.0 m x 100 m 2.0 m x 100 m
	Approximate Roll Weight	For handling guidance	200 kg (600 m²) 60 kg (200 m²)
	Fibre Type	High tenacity virgin polypropylene staple fibre with UV inhibitor.	
	Needle Detection	The product is electronically and manually inspected during manufacture.	

JUTA UK

For additional information or assistance, please contact JUTA UK directly.