

DuraForce® Geotextiles

Needle Punched Non-Woven Geotextiles - AS Series

TECHNICAL FABRICS AS Series	
TECHNICAL DATA SHEET	TDS G 001 110
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CHARACTERISTIC VALUES DATA

PROPERTY		TEST METHOD	UNIT	AS140	AS240	AS280	AS410	AS440	AS640	AS680
STRENGTH PROPERTIES										
Grab Tensile Strength	Q	AS2001.2.3.2	N	≥350	≥500	≥700	≥900	≥1200	≥1600	≥1800
Trapezoidal Tear Strength	Q	AS3706.3	N	≥140	≥180	≥250	≥350	≥450	≥650	≥700
Elongation	T	AS3706.4	%	≥30	≥30	≥30	≥30	≥30	≥30	≥30
G Rating	Q	TNZ F/7		≥800	≥900	≥1350	≥2000	≥3000	≥4500	≥7000
NZTA F/7 Strength Class					A	B	C	D	E	E
HYDRAULIC PROPERTIES										
Equivalent Opening Size, EOS 0 ₉₅	T	AS3706.7	µm	≤180	≤180	≤180	≤180	≤180	≤180	≤180
Permittivity (Ψ)	T	AS3706.9	s ⁻¹	≥0.5	≥0.5	≥0.5	≥0.5	≥0.5	≥0.5	≥0.5
Flow Rate (Q ₁₀₀)	T	AS3706.9	l/m ² /s	≥50	≥50	≥50	≥50	≥50	≥50	≥50
NZTA F/7 Filtration Class				1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4

NOTES:

1. Cirtex Industries Ltd reserves the right to alter product specifications at any time without prior notice. It is the responsibility of all users to satisfy themselves that the above data is current.
2. T = Typical Values, Q = Characteristic values being the mean - (0.83 x SD) as required by NZTA F/7 Specification
3. DuraForce AS Series Geotextiles are manufactured from either PET or PP fibres
4. Contact Cirtex on 0800 247 839 if you require typical values data or a specific polymer for your project



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