

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	AS240	AS280	AS410	AS440	AS640
STRENGTH PROPERTIES								
Grab Tensile Strength	Q	AS2001.2.3.2	N	≥500	≥700	≥900	≥1200	≥1600
Trapezoidal Tear Strength	Q	AS3706.3	N	≥180	≥250	≥350	≥450	≥650
Elongation	T	AS3706.4	%	≥30	≥30	≥30	≥30	≥30
G Rating	Q	TNZ F/7		≥900	≥1350	≥2000	≥3000	≥4500
NZTA F/7 Strength Class				A	B	C	D	E
HYDRAULIC PROPERTIES								
Equivalent Opening Size, EOS 0 ₉₅	T	AS3706.7	µm	≤180	≤180	≤180	≤180	≤180
Permittivity (Ψ)	T	AS3706.9	s ⁻¹	≥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
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



ISO 9001:2015
Reg.No: C41186

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

DISCLAIMER

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