

DURAFORCE® GEOTEXTILES

NEEDLE PUNCHED NON-WOVEN GEOTEXTILES - AS SERIES

TECHNICAL FABRICS AS Series	
TECHNICAL DATA SHEET	G 030 001
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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
Class		NOTE 5		A	B	C	D	E
HYDRAULIC PROPERTIES								
Equivalent Opening Size, EOS 0 ₉₅	T	AS3706.7	µm	≤120	≤120	≤120	≤120	≤120
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
Class				1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4

NOTES:

1. Cirtex Industries Pty 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 MRTS27 AND TFNSW R63
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
5. MRTS57 AND TFNSW

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ISO 9001

BUREAU VERITAS
Certification



This product has been manufactured under the controls established by Bureau Veritas certification approved management system that conforms with ISO 9001:2015. Bureau Veritas Certification certificate number NZ001832-2