

GEOFIRMA™

POLYESTER CONTINUOUS FILAMENT PUNCHED NONWOVEN GEOTEXTILE FABRICS

TYPICAL PROPERTIES

| GRADE | TEST METHOD | UNITS | AS150A | AS200B | AS270C | AS300C | AS350D | AS400D | AS500E | AS540E |
|--------------------------------------|-------------|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| TYPICAL MECHANICAL PROPERTIES | | | | | | | | | | |
| Trapezoidal Tear Strength | AS3706.3 | N | 310 | 400 | 480 | 550 | 620 | 740 | 900 | 1050 |
| CBR Burst Strength | AS3706.4 | kN | 1.8 | 2.5 | 3.5 | 4 | 4.8 | 5.5 | 6.3 | 6.8 |
| Drop Cone H ₅₀ | AS3706.5 | mm | 1700 | 1950 | 2280 | 2500 | 3000 | 3400 | 4100 | 4400 |
| G-Rating | Austrroads | - | 1750 | 2210 | 2825 | 3160 | 3795 | 4325 | 5080 | 5470 |
| Grab Tensile Strength | AS2001.2.3 | N | 780 | 1070 | 1330 | 1600 | 1870 | 2130 | 2400 | 2870 |
| TYPICAL HYDRAULIC PROPERTIES | | | | | | | | | | |
| Pore Size (EOS) | AS3706.7 | microns | 110 | 110 | 100 | 100 | 80 | 80 | 75 | 75 |
| Nominal Flow Rate | AS3706.9 | l/m ² /s | 210 | 180 | 150 | 140 | 130 | 120 | 110 | 100 |
| Permittivity | AS3706.9 | s ⁻¹ | 2.1 | 1.8 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 |
| TYPICAL PHYSICAL PROPERTIES | | | | | | | | | | |
| Standard Roll Size | - | m | 6x250 | 6x175 | 6x150 | 6x125 | 6x100 | 6x85 | 6x75 | 6x75 |
| Typical Mass Per Roll | - | kg | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 235 |



DISTRIBUTORS OF :

- Geotextiles**
- Geogrids**
- Dewatering Tubes**
- Subsoil Drainage**
- Wick Drains**
- Erosion Control**
- Gabions & Rock Mattresses**
- Industrial Fabrics**
- Lining Systems**

GEOFIRMA is a trademark of Global Synthetics Pty Ltd.

GEOFIRMA geotextiles are manufactured under ISO 9001 quality assurance procedures. GEOFIRMA Geotextiles are made from 100% virgin polyester polymer filaments that are highly durable and resistant to all naturally occurring soil acids and alkalis. Polyester geotextiles are unaffected by bacteria and fungi. Properties of GEOFIRMA textiles are typical values and correspond to average values derived from in house and NATA accredited independent laboratory testing.

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