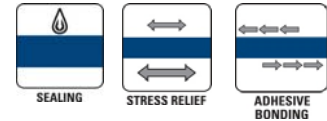


# Mirafi<sup>®</sup> MPV700



Mirafi<sup>®</sup> MPV700 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi<sup>®</sup> MPV700 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited by a2La (The American Association for Laboratory Accreditation) and Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

| Mechanical Properties                     | Test Method | Unit                                    | Minimum Average Roll Value |
|---|-------------|---|----------------------------|
| Grab Tensile Strength                     | ASTM D4632  | lbs (N)                                 | 150 (668)                  |
| Grab Tensile Elongation                   | ASTM D4632  | %                                       | 50                         |
| Asphalt Retention <sup>1</sup>            | ASTM D6140  | gal/yd <sup>2</sup> (l/m <sup>2</sup> ) | ≥ 0.25 (1.14)              |
| Melting Point <sup>1</sup>                | ASTM D276   | F° (C°)                                 | 320 (160)                  |
| Mass/Unit Area                            | ASTM D5261  | oz/yd <sup>2</sup> (g/m <sup>2</sup> )  | 6.0 (203)                  |
| UV Resistance (at 500 hours) <sup>1</sup> | ASTM D4355  | % strength retained                     | 70                         |

<sup>1</sup> Minimum Test Value

| Physical Properties   | Unit                              | Typical Value <sup>2</sup> |
|-----------------------|-----------------------------------|----------------------------|
| Roll Width            | ft (m)                            | 12.5 (3.8)                 |
| Roll Length           | ft (m)                            | 360 (110)                  |
| Roll Area             | yd <sup>2</sup> (m <sup>2</sup> ) | 500 (418)                  |
| Estimated Roll Weight | lbs (kg)                          | 222 (101)                  |

<sup>2</sup> ASTM D4439 Standard Terminology for Geosynthetics: typical value, *n*—for geosynthetics, the mean value calculated from documented manufacturing quality control test results for a defined population obtained from one test method associated with on specific property.

Asphalt Retention (ASTM D6140) and Melting Point (ASTM D276) are not covered by our current A2LA accreditation.

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Testing Lab 1291.01 & 1291.02

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