

M200

TECHNICAL DATA SHEET

WOVEN MONOFILAMENT GEOTEXTILE

GEOSYNTHETICS

M200 is manufactured using high tenacity monofilament polypropylene yarns woven to form a dimensionally stable network. It has been stabilized to resist degradation due to ultraviolet exposure and is resistant to commonly encountered mildew, insects and soil chemicals, and is non-biodegradable. The high flow rate of M200 makes it ideal for a wide range of filtration applications.

SPECIFICATIONS:

The M200 polypropylene woven fabric will utilize the following characteristics:

| PROPERTY | TEST METHOD | MIN. AVG. ROLL VALUE |
|-----------------------------------|-------------|--------------------------|
| Grab Tensile Strength | ASTM D4632 | 365 x 200 lbs |
| Grab Tensile Elongation | ASTM D4632 | 24 x 15% |
| CBR Puncture | ASTM D6241 | 750 lbs |
| Wide Width Tensile Ultimate | ASTM D4595 | 2400 x 1680 lbs/ft |
| Trapezoid Tear Strength | ASTM D4533 | 115 x 75 lbs |
| UV Resistance @ 500 hrs | ASTMD4355 | 90% |
| Apparent Opening Size (AOS) | ASTM D4751 | 40 US Sieve |
| Percent Open Area | COE-02215 | 10% |
| Permittivity (sec ⁻¹) | ASTM D4491 | 2.1 (sec ⁻¹) |
| Flow Rate | ASTM D4491 | 145 gpm/ft ² |

Values quoted above are the result of multiple tests conducted at an independent testing facility. M200 meets or exceeds values listed.

Mullen burst ASTM D-3786 has been removed. It is not recognized by ASTM D-35 on Geosynthetics.

Puncture ASTM D-4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D-6241.

PACKAGING:

| | | |
|-------------|---------------------|---------------------|
| Roll Width | 6 ft | 12 ft. |
| Roll Length | 300 ft. | 300 ft. |
| Roll Area | 200 yd ² | 400 yd ² |

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