

Specification Sheet GTFL PP Woven Geotextile for Drainage Application M404SP



GARWARE
TECHNICAL FIBRES

GTFL M404SP is superior quality, geotextile composed of high tenacity polypropylene monofilament yarns which are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. The fabric is inert to biological degradation and naturally encountered chemicals, alkalis, and acids. Polypropylene is stable within a PH range of 2 to 13.

GTFL M404SP conforms to the physical property values listed below. GTFL performs internal Manufacturing Quality Control (MQC) tests that have been accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

PROPERTY	TESTMETHOD	METRIC (MARV ²)
Wide Width Tensile, MD/CD	ASTM D4595	45/30 kN/m
Wide Width Elongation, MD/CD	ASTM D4595	≤ 25/15 %
CBR Puncture Resistance	ASTM D6241	3000 N
Water Flow ³	ASTM D4491	100 L/m ² /sec
AOS O ₉₀ ³	ISO 12956	≤ 0.350 mm
UV Resistance (% Strength retained after 500 hours of UV)	ASTM D4355	90%

PACKAGING

Roll Dimensions(W x L)	5.2 mx 100m
Area Per Roll	520 m ²

NOTES:

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. At time of manufacturing. Handling, storage and shipping may change these properties.

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