

Mirafi® MSCAPE Geosynthetics for Nonwoven Landscape Applications

TenCate develops and produces materials that function to increase performance, reduce costs and deliver measurable results by working with our customers to provide advanced solutions.

The Difference Mirafi® MSCAPE Geosynthetic Makes:

- Inhibits existing weed growth while suppressing new weed growth.
- Permits passage of air and liquids, including fertilizers.
- Prevents “souring” of soil beds associated with impermeable plastic sheets.
- Remains in place and will not rot, mildew, become brittle or biologically decompose.
- Resists UV rays and extreme temperatures.
- Resists acids, alkalines, common herbicides, insecticides and fertilizers.
- Resists tearing and puncture, but can easily be cut to fit any shape using common household scissors for installation.
- High friction surface controls migration of common mulches.
- Provides excellent water permeability.

APPLICATIONS

Mirafi® MSCAPE geotextiles are needle-punched, heat treated nonwoven polypropylene landscape fabrics. Mirafi® MSCAPE has an earthtone color to most closely represent the widest range of soil colors. It is designed specifically to act as a weed barrier, soil separator and light drainage filter. Mirafi® MSCAPE is inert to biological degradation and resistant to naturally encountered chemicals, alkalis and acids.

INSTALLATION GUIDELINES*

Mirafi® MSCAPE geotextile can be installed prior to new planting or easily retrofitted to existing landscape. Mirafi® MSCAPE should be covered with mulch as soon as possible after installation to prevent displacement by wind.

Mirafi® MSCAPE is available in easy-to-handle, lightweight rolls, and requires only simple tools and household scissors for installation.

Mirafi® MSCAPE is easily rolled over installation area. Ground surface should be free from sharp objects, large rocks, trash, or other debris.



Mirafi® MSCAPE

Cut x-shapes into the fabric to allow for plant material. Mirafi® MSCAPE edges should be buried and overlapped a minimum of 3”.

* These guidelines serve as a general basis for installation. Detailed instructions are available from your TenCate representative.

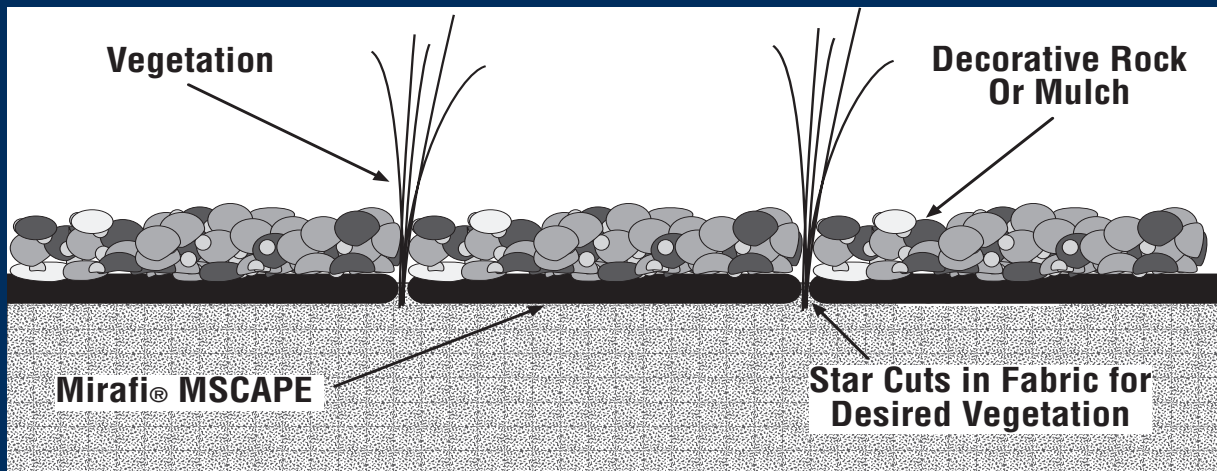
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Mirafi® MSCAPE Technical Data (All values are typical values)

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUES
Mass/Unit Area	ASTM D5261	oz/yd ² (g/m ²)	3.6 (122)
Grab Tensile Strength	ASTM D4632	lbs (N)	100 (445)
Trapezoid Tear Strength	ASTM D4533	lbs (N)	40 (178)
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	80 (0.18)
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	175 (7130)
UV Resistance after 500 hours	ASTM D4355	% strength retained	70

Mirafi® MSCAPE Packaging

ROLL DIMENSIONS	ROLL WEIGHT	ROLL AREA
WIDTH X LENGTH ft x ft (m x m)	lbs (kg)	yd ² (m ²)
3 x 300 (0.9 x 91.4)	24 (11)	100 (84)
6 x 300 (1.8 x 91.4)	48 (22)	200 (167)
9 x 300 (2.7 x 91.4)	72 (33)	300 (251)



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materials that make a difference