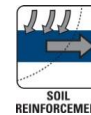
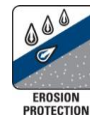


Miramesh® FR



Miramesh® FR is composed of black flame retardant high-tenacity monofilament polypropylene yarns that are woven together to produce an open mesh geotextile. Miramesh® FR is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids. Miramesh® FR passes testing done by Diversified Labs per NFPA standards.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Tensile Strength (at ultimate)	ASTM D4595	lbs/ft (kN/m)	1440 (21.0)	1733 (25.3)
			Minimum Value	
Creep Reduced Strength	ASTM D5262	lbs/ft (kN/m)	471 (6.9)	566 (8.3)
Long Term Allowable Design Load ¹	GRI GT-7	lbs/ft (kN/m)	407 (5.9)	490 (7.2)
			Minimum Test Value	
Flame Resistance	NFPA-701	---	Pass	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	90	
Design Life	See Note ²	Years	75	

¹ Long Term Allowable Design values are for sand, silt and clay. Creep Reduction Factor based on 75-year design life.

² Extrapolated from the average half-life based on ASTM D7238 (QUV). Data also found on Mirafi® UV Durability Technical Note.

Physical Properties	Unit	Roll Characteristic
Aperture Size (machine direction)	in (mm)	0.08 (2)
Aperture Size (cross machine direction)	in (mm)	0.08 (2)
Color	--	Black
Mass/Unit Area (ASTM D5261)	oz/yd ² (g/m ²)	5.8 (196.6)
Roll Dimensions (width x length)	ft (m)	8 x 150 (2.4 x 45.7)
Roll Area	yd ² (m ²)	133 (110)
Estimated Roll Weight	lbs (kg)	51 (23)

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