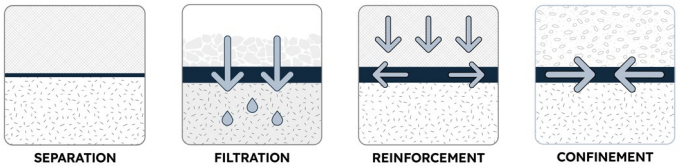

MIRAFI CR220

MIRAFI® CR220 geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. MIRAFI CR220 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas is 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)	4800 (70.0)	4800 (70.0)
Tensile Strength (at 5% strain)	ASTM D4595	lbs/ft (kN/m)	2400 (35.0)	3000 (43.8)
Grab Tensile Strength	ASTM D4632	lbs (N)	500 (2225)	500 (2225)
Grab Tensile Elongation	ASTM D4632	%	11	4
Trapezoid Tear Strength	ASTM D4533	lbs (N)	180 (801)	180 (801)
CBR Puncture Strength	ASTM D6241	lbs (N)	2000 (8900)	

			MINIMUM ROLL VALUE
Flow Rate	ASTM D4491	gal/min/ft^2 (l/min/m^2)	35 (1426)
Permittivity	ASTM D4491	sec^{-1}	0.5

			MAXIMUM OPENING SIZE
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	30 (0.60)

			TYPICAL ROLL VALUE
Pore Size O_{95}	ASTM D4491	microns	460
Pore Size O_{50}	ASTM D4491	microns	275

			MINIMUM TEST VALUE
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80
Factory Seam Strength	ASTM4884	lbs/ft (kN/m)	3000 (43.8)

PHYSICAL PROPERTIES	UNIT	ROLL SIZE
Roll Dimensions (width x length)	ft (m)	15 x 300 (4.5 x 91)
Roll Area	yd^2 (m^2)	500 (418)
Estimated Roll Weight	lbs (kgs)	400 (182)

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SOLMAX