



Mirafi[®] HP465

Mirafi[®] HP465 geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. Mirafi[®] HP465 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Typical Value	
			MD	CD
Grab Tensile Strength	ASTM D 4632	N (lbs)	2336 (525)	2336 (525)
Grab Tensile Elongation	ASTM D 4632	%	25	25
Trapezoid Tear Strength	ASTM D 4533	N (lbs)	846 (190)	846 (190)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	6889 (1000)	
Puncture Strength	ASTM D 4833	N (lbs)	1024 (230)	
Flow Rate	ASTM D 4491	l/min/m ² (gal/min/ft ²)	1019 (25)	
Permeability	ASTM D 4491	cm/sec	0.03	
Permittivity	ASTM D 4491	sec ⁻¹	0.35	
Apparent Opening Size (AOS) ¹	ASTM D 4751	mm (U.S. Sieve)	0.30 (50)	
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	70	

¹ ASTM D 4751: AOS is a Maximum Opening Diameter Value

Physical Properties	Test Method	Unit	Typical Value
Mass/Unit Area	ASTM D 5261	g/m ² (oz/yd ²)	342.4 (10.1)
Roll Dimensions (width x length)	--	m (ft)	4.5 (15) x 91 (300)
Roll Area	--	m ² (yd ²)	418 (500)
Estimated Roll Weight	---	kg (lbs)	156 (344)

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.