

Hurricane Barrier Fabrics

Woven Polypropylene Fabrics

OUR COMPANY

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

TenCate Industrial Fabrics is a leading manufacturer of woven, nonwoven and knitted specialty materials. Utilized throughout the world, our fabrics are used in trampolines, commercial greenhouses, truck covers, tennis windscreens, pool covers and a wide variety of other applications.

OUR PRODUCT

TenCate Nicolon® Hurricane Barrier fabric is a woven polypropylene textile capable of absorbing the impact from wind driven debris. Hurricane Barrier fabric is the primary component of a system to provide protection against hurricane force winds, rain and airborne debris. A Hurricane Barrier fabric system can

be deployed and installed rapidly. It is lightweight, flexible and easily stored when not in use yet strong enough to stop a wooden 2 x 4 when fired from a test cannon. Hurricane Barrier fabric allows shaded visibility through the system and is UV, corrosion and rot resistant. Several color combinations available assure an aesthetically pleasing benefit and meets Dade County, FL building standards for impact protection.

The Difference Nicolon® Hurricane Barrier Fabrics Make:

- Lightweight
- Durable
- Mildew & rot resistant
- Non-absorbent
- High tensile strength
- UV resistant
- Chemical resistant



OUR SERVICE

TenCate offers comprehensive service that includes assistance during design and specification. With extensive knowledge and great customer service, TenCate makes the difference.



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Mechanical Properties	Test Method	Unit	Typical Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs	500	550
Trapezoid Tear Strength	ASTM D4533	lbs	200	250
Mullen Burst	ASTM D3786	psi	750	
Puncture Strength	ASTM D4833	lbs	200	
Air Flow	ASTM D737	cfm	175	
Percent Open Area ¹	COE-02215	%	5	
UV Resistance (QUV)	ASTM G154	% strength retained	70	

¹Percent Open Area is a MARV.

Physical Properties	Test Method	Unit	Typical Value
Weight	ASTM D5261	oz/yd ²	9.7
Thickness	ASTM D5199	mil	21
Construction		EPI/PPI	60 x 63
Fiber Content			100% PP



BLACK BEIGE/BLACK BLACK/WHITE WHITE BEIGE/WHITE BEIGE

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TENCATETM
 materials that make a difference