PERMATRON®

Media Type

WHC20 "White Honeycomb Polypropylene"

Part Number: #WHC20

Type of Weave: Honeycomb

Media Color: Natural/White

Media Material: Polypropylene

U.L. Classification: Class 1

Yarn Diameter: 20 mil

Media Thickness: 190 mils

Media Weight: 10.1 ounces/yd²

Temperature Rating: Operating 180°F Melting 325-350°F

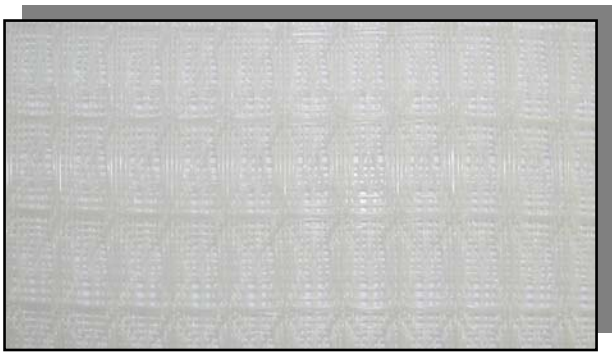
Roll Weight: Approx. 107 lbs.

Roll Dimensions: Approx. 19" diameter x 84" (60.42 cu. Ft.)

Roll Size: 80" x 50 LYD

Mechanical Properties	Test Method	Unit	Typical Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D 4632	lbs	425	350
Trapezoid Tear Strength	ASTM D 4533	lbs	210	155
Puncture Strength	ASTM D 4833	lbs	165	
Thickness	ASTM D 5199	mils	190	
Burst	ASTM D 3786	psi	800	
Air Flow	ASTM D 737	cfm	1300	

Physical Properties	Test Method	Unit	Typical Value
Weight	ASTM D 5261	oz/yd^2	10.1
Fiber Content			100% PP
Construction		EPI x PPI	26 x 18



All spec information above is approximate and offered for planning purposes only. Prices are subject to change without notice. Standard Terms and Conditions apply and pricing is FOB Elk Grove Village, Illinois USA 1-800-882-8012

Polypropylene is a petroleum industry by-product, which has excellent strength and is very resistant to abrasion. It is light in weight with a specific gravity of 0.90 and, therefore, will float on water. Excellent resistance to most acids and alkalis. Good resistance to bleaches and solvents. Not attacked by mildew. Good resistance to aging, indirect sunlight and abrasion. Polypropylene is an FDA approved component, and can be used in food processing applications.