

TECHNICAL INFORMATION

Artisyn® Synthetic Paper

Artisyn® Synthetic Paper is an uncoated, mono-layer, highly filled polyolefin sheet. It is opaque white with an attractive matte finish similar to other high quality printing papers and has a conventional paper "hand" with good layflat characteristics. Soft to the touch, Artisyn® is durable, waterproof and resistant to most household type chemicals. It is also compliant with FDA regulations for direct food contact applications.

Artisyn® Synthetic Paper contains approximately 50% non-abrasive filler by weight and about 60% air by volume. The microporous nature of Artisyn® allows inks, toners, coatings and laminating film adhesives to penetrate into the product, providing outstanding anchorage and bond strength. Thermally stabilized Artisyn® Synthetic Paper is extremely versatile and can be printed by all popular printing processes, including desktop laser and inkjet, offset, litho, flexo, thermal transfer, screen and digital (HP-Indigo® & Xeikon® certified).

Refer to additional Pressure Sensitive Adhesive (PSA) Technical Data Sheets where applicable.

PRODUCT NUMBER - UAR120V 12.0 mil Artisyn®

TYPICAL PROPERTIES	UNITS	VALUE	TEST METHOD
Nominal Gauge - Average	Mils	12.0	Continuous Gauging
Yield	Sq.In./Lb. Lbs./MMSI	3,348 298.7	ASTM D-3776
Basis Weight - 25" x 38" x 500	Lbs./Ream	141.87	
Tensile Strength - MD/CMD	Lbs./Sq.In.	1858 / 1017	ASTM D-882
Uninitiated Tear Resistance - Graves Tear - MD/CMD	Lbf	3.15 / 3.62	ASTM D-1004
Initiated Tear Propagation – Split Tear - MD/CMD	Lbf	0.27 / 1.28	ASTM D-1938
Optical Properties			ASTM E-313
Brightness	%	87	
Whiteness	%	82.5	
Opacity	%	99.1	
Digital Thermal Stability	%	<0.5%	HP8000 laser printer
Primary Print Surface (PPS)	Rolls: PPS "Wound-In" Sheets: PPS "Face-Up"		
FDA Status	Title 21,CFR177.1520 Compliant For Direct Food Contact		

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