



SYNAPS XM is the superior alternative to traditional lamination.

SYNAPS XM is a next generation synthetic paper made from high-grade polyester film with superior dimensional stability and unmatched lay-flat characteristics. The result: great looking prints that hold their shape and color without extra laminates and coatings. SYNAPS withstands harsh environments inside or out.

SYNAPS XM Matte White

SYNAPS XM is engineered for dry toner/laser printing for on demand, high-quality printing. Toner fuses with the synthetic paper to make the finished product both durable and naturally resistant to water and grease. Printing on SYNAPS XM prevents common flaws in the lamination process like de-lamination, wrinkles, frayed edges, squareness, and higher total costs.

Applications

- Menus
- Maps
- Manuals & Catalogs
- Shelf Talkers & Wobblers
- Business, Membership & I.D. Cards
- Hole Punched Tags
- Direct Mail
- Temporary License Plates
- Door Hangers
- Scored Table Tents
- Recipe Cards

Product Information

- Alternative to lamination
- High-grade polyester film
- Waterproof, tear-proof, fade resistant
- No grain direction
- Dries and cures fast
- Double-sided matte finish
- PVC and glare free

Print Compatibility

- Dry Toner/Laser





TECHNICAL DATA ▶

Physical Properties				5 mil	8 mil	10 mil	<div>NEW</div> 12 mil	14 mil	
Color	White	Thickness (μ)	ASTMD-6988	120 ± 7	200 ± 10	250 ± 15	300 ± 18	350 ± 21	
		Weight (gsm)		135	230	300	375	450	
Finish	Matte	BEKK Smoothness (sec.)	ISO 5627	125-175	125-175	125-175	125-175	125-175	
		Opacity (%)	ISO 2471	87	93	94	95	96	
Resin	Polyester	Brightness	ISO 2470C	96	96	96	95	95	
Shelf Life	24 Months +	Whiteness CIE	ISO 11475	100	100	100	97	97	
Fire Class	Information available upon request	Gloss 85°	ISO 2813	3-10	3-10	3-10	3-10	3-10	
		Stocked Size			Sheets per Carton				
		8.5" x 11"			1200	750	600		
		8.5" x 11" 8UP I.D. Cards				750			
		12" x 18"			1200	750	600	500	450
		13" x 19"			1200	750	600	500	450
		14.33" x 20.5"			1200	750	600	500	450
		Retail Size			Sheets per Carton/Reams per Carton				
		8.5" x 11"			600/6	600/6	300/6		
12" x 18"			600/6	600/6	300/6	300/6	300/6		