

SYNAPS OM

SYNTHETIC
POLYESTER PAPER

Synaps

Prints like paper.



NEKOOSA SPECIALTY MEDIA

Is it paper or is it plastic? Finally ... a synthetic substrate that really PRINTS like paper!

The revolutionary polyester film that prints and dries like everyday paper ... without the need for special offset inks! SYNAPS OM is a next generation synthetic film that is made with high grade polyester and a printable topcoat. No other product comes close to matching its exceptionally fast drying time and print quality. The polyester film provides tear resistance, excellent dimensional stability, unmatched lay-flat characteristics, along with the look and feel of a luxury film.

SYNAPS OM Offset, HP Indigo, Latex and UV Wide Format

SYNAPS OM dries quickly without the need for special offset inks ... just like uncoated paper. Offset printers can win and quickly turn around new opportunities for menus, charts, and signage. SYNAPS OM is dimensionally stable on press, lays flat, and looks and feels like premium paper. To top it off, SYNAPS OM stands up to the toughest indoor and outdoor environments.

Applications

- Maps
- Manuals & Catalogs
- Shelf Talkers & Wobblers
- Business, Membership & I.D. Cards
- Hole Punched Tags
- Direct Mail
- Plant Stakes
- Scored Table Tents
- Counter Mats
- Door Hangers
- Recipe Cards

Product Information

- Dries quickly with use of standard conventional offset inks
- High-grade polyester film
- Waterproof, tear-proof, fade resistant
- No grain direction
- Double sided matte finish
- PVC and glare free
- Alternative to lamination

Print Compatibility

- Offset
- HP Indigo
- *Latex
- *UV Wide Format



Printed on SYNAPS OM 10 mil. on a HP Indigo 7000

TECHNICAL DATA ▶

Physical Properties				5 mil	8 mil	10 mil	14 mil
Color	White	Thickness (μ)	ASTMD-6988	120+7	200+10	250+12	350+21
Resin	Polyester	Weight (gsm)		135	230	300	450
Finish	Matte	BEKK Smoothness (Sec.)	ISO 5627	500-1000	500-1000	500-1000	500-1000
Shelf Life	24 months +	Opacity (%)	ISO 2471	92	96	96	97
Fire Class	Information available upon request	Brightness	ISO 2470C	95	95	95	93
		Whiteness CIE	ISO 11475	100	100	98	95
		Gloss 85°	ISO 2813	10-15	10-15	10-15	10-15
		Stocked Size		Sheets per Carton			
		12" x 18"		1250	750	600	450
		13" x 19"		1200	750	600	450
		14" x 20"				500	
		20.81" x 29.5"			250	200	
		28" x 40"		300	175	125	100
		Retail Size		Sheets per Carton/Reams per Carton			
		12" x 18"		1200/6	800/4	600/6	400/4

NEW

*36" and 54" x 100' rolls are available for wide format printing.
· Custom sizes available upon request.

Certified for
HP Indigo

Certified for
HP Latex Inks