SYNAPS OM WIDE FORMAT

WIDE FORMAT LATEX & UV
SYNTHETIC POLYESTER FILM



No lamination. No curling. Just fast, flawless, durable wide format graphics.

SYNAPS OM WIDE FORMAT

No Lamination Required – Save time and production costs with a durable, ready-to-use print media, no additional lamination needed

Durable & Scratch Resistant – Engineered to withstand demanding environments and heavy handling – resists scratches, abrasions, curling, wrinkling, bowing, and edge fraying

Waterproof & Tear Resistant – Reliable performance in wet and extreme outdoor conditions, ideal for long-lasting signage in any weather

Layflat After Rolling – Maintains a smooth, professional appearance after being rolled during shipping or long-term storage

Highest Quality Prints – A bright white point and double-sided matte finish produce bold colors, sharp image detail, and consistent results front and back

Fade & Heat Resistant – Graphics remain vibrant even when exposed to direct sunlight, heat, and repeated handling

Versatile Finishing – Compatible with common post-production finishing methods like grommeting, die-cutting, trimming, and mounting

Sustainable Choice – PVC-free and certified by RecyClass for containing a minimum of 15% recycled polyester (rPET) for a more environmentally-friendly and responsible print solution

Print Compatibility – Wide Format Latex & UV

SCAN HERE FOR
FREE SAMPLES ▶

Applications

- Retractable Banner Stands
- Stanchion Stand Graphics Inserts
- Wide Format Graphics
- Point-of-Purchase Signage
- Hanging Graphics
- Backlit Graphics
- Aisle Invaders
- Menu Boards
- Wayfinding Signage
- Retail Storefront Graphics
- Museum & Exhibit Graphics
- Outdoor Durable Signage
- Transit & Bus Shelter Posters

NEKOOSA

800.826.4886 | sales@nekoosa.com
NEKOOSA.COM

10.30.26 | M1217-OV

SYNAPS OM WIDE FORMAT

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SYNTHETIC POLYESTER FILM







STANDARD SIZES

UVgel COMPATIBLE WITH CANON UVGEL TECHNOLOGY

Certified for HP Latex Inks

SYNAPS OM - Wide Format Rolls

Film Thickness	SKU #	Size	GSM	Rolls/Cartons
5 mil	66102 $	54" x 100'	135	1
8 mil	66103 $	36" x 100'	230	1
	66104 $	54" x 100'		1
10 mil	66106 $	54" x 100'	300	1
14 mil	66110 $	36" x 100'	450	1
	66111 $	54" x 100'		1

SYNAPS OM - Flatbed Sheets

Film Thickness	SKU #	Size	GSM	Sheets/Cartons
5 mil	66003	28" x 40"	135	300
8 mil	66007	28" x 40"	230	175
10 mil	66011	28" x 40"	300	125
14 mil	66039	28" x 40"	450	100

*Each SYNAPS OM thickness listed above is offered in custom sizes. Please contact us for more information.

$5 NEKOOSA BUCKS available in select rolls.

= PVC-Free

Synaps **DESIGNED TO PERFORM**

15 % RECYCLED PLASTIC
Certified by RecyClass

FINISHED IN THE USA

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SYNAPS OM WIDE FORMAT

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TECHNICAL DATA

UVgel COMPATIBLE WITH CANON UVGEL TECHNOLOGY

Certified for HP Latex Inks

		5 mil	8 mil	10 mil	14 mil
Physical Properties					
Finish		Matte	Matte	Matte	Matte
Color		White	White	White	White
Film		Polyester	Polyester	Polyester	Polyester
Opacity	ISO 2471	92%	96%	96%	97%
Brightness	ISO 2470C	95	95	95	94
Gloss 85°	ISO 2813	10-15	10-15	10-15	10-15
Weight	-	135 gsm	230 gsm	300 gsm	450 gsm
Shrinkage	Internal Agfa test at 203 °F/95 °C	0.20%	0.20%	0.20%	0.20%
Initial Tear Strength	ASTM D1004	45N	80N	100N	125N
Stiffness	ISO 2493	5 mN	22 mN	45 mN	110 mN
BEKK Smoothness	ISO 5627	500-1000 Sec	500-1000 Sec	500-1000 Sec	500-1000 Sec
Whiteness Cie	ISO 11475	100	100	98	97
Mass Density	ISO 534	1.13 ± 0.05 g/cm³	1.16 ± 0.05 g/cm³	1.22 ± 0.05 g/cm³	1.26 ± 0.05 g/cm³

Conditions for Use	
Shelf Life	2 years
Resistance To Dry Ice	Tested for 5 days at -110 °F (-79 °C)

= PVC-Free

Additional Information:

· SYNAPS OM is certified for HP Indigo and HP latex digital printers and validated for Canon Colorado, Canon varioPRINT iX series, Canon ColorWave 3800, KM-1 AccurioJet and Fuji JetPress 750. For print recommendations and more specific technical data, visit *https://nekoosa.com/products/synaps-om-wide-format* and reference the documents in the "Media" section.

Compatible Finishing Methods:

· Die cut, score, drill, grommet, fold, perforate, bind, varnish, and aqueous coat, emboss and hot foil stamp, staple, bind, guillotine cut, laser cut, engrave, perforate, spiral bind, plotter cut, and roll trim.

Recycling:

· Polyesters can be incinerated safely (according to local regulations) and therefore are a potential source of energy as inert materials they can be buried in approved landfill facilities.

· Certified by RecyClass for containing a minimum of 15% recycled polyester (rPET).

· SYNAPS OM has plastic recycling code "7 - Other". SYNAPS OM is a polyester that is quite different from the type of polyester that is used for the production of PET bottles for instance. It can be recycled but post-print SYNAPS OM is to be treated as waste because the ecological cost of collecting and selecting the waste is higher than the ecological benefit. Regulations for waste disposal may differ per country so please consult the local regulations.

15 % RECYCLED PLASTIC
Certified by RecyClass

FINISHED IN THE USA

This logo represents Nekoosa's commitment to offering sustainable alternatives to traditional PVC materials. 100% of this product line is PVC-Free.

The information provided herein is correct to the best of Nekoosa's knowledge, however, should not be construed as specifications. No liability for any errors, facts or opinions are accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.