SYNAPS OM

OFFSET, HP INDIGO, UV & WATER-BASED INKJET
SYNTHETIC POLYESTER PAPER



Designed for quick turnaround and on-demand printing, helping you move from press to finished application with less waiting.

Synaps DESIGNED TO PERFORM

No Lamination Required – Waterproof, tear resistant and built to last, eliminating the cost and time associated with lamination

Fast Drying – Prints with standard offset inks and dries instantly, making it perfect for single- or double-sided, quick-turnaround jobs

Precise Registration – Dimensionally stable polyester base stock won't shrink or distort on press, producing crisp, detailed fonts and images

Jam-Free Performance – Runs reliably through conventional offset presses and HP Indigo digital printers without curl, jamming, and feeding issues

Premium Feel – Smooth, silky surface gives the look and feel of luxury paper stock

Writable Surface – Compatible with ballpoint pens, markers, and pencils

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 – Offset, HP Indigo, UV & Water-Based Inkjet

SCAN HERE FOR
A FREE SAMPLE ▶

Applications

- Menus
- Maps
- Manuals & Catalogs
- Shelf Talkers & Wobblers
- Hole-Punched Tags
- Direct Mail
- Plant Stakes
- Scored Table Tents
- Counter Mats
- Door Hangers
- Recipe Cards
- Aisle Invaders
- Loyalty & Membership Cards
- Business Cards
- Safety Cards & Tags
- Field Guides
- Machine Tags
- Outdoor Event Badges
- Emergency Information Cards
- Luggage Tags
- *Your next application!*

NEKOOSA

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NEKOOSA.COM

10.30.26 | M1100-OV

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STANDARD SIZES

UVgel COMPATIBLE WITH CANON UVGEL TECHNOLOGY | Certified for HP Indigo | Certified for HP Latex Inks

SYNAPS OM - Cartons

Thickness	SKU #	Size	GSM	M Wgt	Sheets/Carton	Carton Weight
5 mil (91# Text)	66002	12" x 18"	135	41.46	1250	51.83
	66056	13" x 19"		47.46	1200	57.00
	66003	28" x 40"		215.00	300	64.50
8 mil (85# Cover)	66006	12" x 18"	230	70.64	750	52.98
	66058	13" x 19"		80.78	750	60.60
	66007	28" x 40"		366.29	175	64.10
10 mil (111# Cover)	66009	12" x 18"	300	92.14	600	55.28
	66059	13" x 19"		105.35	600	63.20
	66072	20.81" x 29.5"		261.95	200	52.37
	66011	28" x 40"		477.77	125	59.72
14 mil (166# Cover)	66012	12" x 18"	450	138.21	450	62.20
	66060	13" x 19"		158.03	450	71.10
	66039	28" x 40"		716.64	100	71.66

SYNAPS OM - Retail Packs

Thickness	SKU #	Size	GSM	M Wgt	Sheets/Carton	Carton Weight	Packages
5 mil (91# Text)	66015	12" x 18"	135	41.46	1200	49.75	6 Packages 200 Sheets
8 mil (85# Cover)	66018	12" x 18"	230	70.64	800	56.51	4 Packages 200 Sheets
10 mil (111# Cover)	66020	12" x 18"	300	92.14	600	55.28	6 Packages 100 Sheets
14 mil (166# Cover)	66024	12" x 18"	450	138.21	400	55.28	4 Packages 100 Sheets

$5 **NEKOOSA BUCKS** available in select cartons.

Each SYNAPS OM thickness listed above is offered in custom sheet sizes.
SYNAPS OM is also available in standard 36"x100' and 54"x100' and custom-sized rolls. Please contact us for more information.

= PVC-Free

Collect Nekoosa Bucks® found inside qualifying products and redeem your codes online for gift card rewards. Simply create an account, enter your unique codes, and start earning. Learn more or redeem your Bucks at www.rewardbooth.com/nekoosa/ui/home, or scan this QR code

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TECHNICAL DATA

UVgel COMPATIBLE WITH CANON UVGEL TECHNOLOGY | Certified for HP Indigo | Certified for HP Latex Inks

		5 mil	8 mil	10 mil	14 mil
Physical Properties					
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* and reference the documents in the "Media" section.

Compatible Finishing Methods:

· Die cut, score, drill, grommet, fold, 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.