

# SYNAPS OM

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



15 %

RECYCLED  
PLASTIC

Certified by RecyClass



Superior dry times using standard offset conventional inks makes SYNAPS OM the optimal choice for quick turnaround, on-demand print jobs.

## SYNAPS OM

**No Lamination Required** – Waterproof, tear-proof, and built to last, no costly or time-consuming lamination required

**Fast Drying** – Prints with standard offset inks and dries instantly, 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  
FREE SAMPLES



## 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

# SYNAPS OM

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SYNTHETIC POLYESTER PAPER



## STANDARD SIZES ▶



COMPATIBLE  
WITH CANON  
UVGEL TECHNOLOGY

Certified for  
HP Indigo

Certified for  
HP Latex Inks

| Thickness                  | SKU # | Size           | GSM | M Wgt  | Sheets/Carton |  | Carton Weight |
|----------------------------|-------|----------------|-----|--------|---------------|--|---------------|
| <b>SYNAPS OM - Cartons</b> |       |                |     |        |               |  |               |
| 5 mil<br>(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<br>(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<br>(111# Cover)     | 66009 | 12" x 18"      | 300 | 92.14  | 600           |  | 55.28         |
|                            | 66059 | 13" x 19"      |     | 105.35 | 600           |  | 63.20         |
|                            | 66010 | 14" x 20"      |     | 119.44 | 500           |  | 59.72         |
|                            | 66072 | 20.81" x 29.5" |     | 261.95 | 200           |  | 52.37         |
|                            | 66011 | 28" x 40"      |     | 477.77 | 125           |  | 59.72         |
| 14 mil<br>(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         |

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

Each SYNAPS OM thickness listed above is offered in custom sheet sizes. SYNAPS OM is also available in standard 36" x 100' and 54" x 100' and custom-sized rolls. Please contact us for more information.

 = PVC-Free

**Synaps** DESIGNED TO PERFORM

15 %  
RECYCLED  
PLASTIC

Certified by RecyClass



800.826.4886 | sales@nekoosa.com

NEKOOSA.COM

01.13.26

## TECHNICAL DATA ▶



Certified for  
HP Indigo

Certified for  
HP Latex Inks

|                            |                                    | 5 mil             | 8 mil             | 10 mil            | 14 mil            |
|----------------------------|------------------------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Physical Properties</b> |                                    |                   |                   |                   |                   |
| 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, 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.

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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.