

# PP SYNTHETIC

POLYPROPYLENE (PP)  
SYNTHETIC PAPER



Waterproof, PVC-free synthetic paper engineered for flexible, foldable printed applications.

## Nekoosa PP Synthetic

Superior flexibility and pliability, ideal for applications like menus, table tents, and brochures that require folding and post-press converting (die cutting, perforating, and scoring)

Proprietary C2S topcoat has strong ink adhesion and vibrant color reproduction, optimizing print quality

*\*Adding ink drying agents to traditional offset inks accelerates drying times. For best results, print with UV offset inks for instant drying, improving efficiency and streamlining workflow*

Excellent print registration, due to minimal stretch, guarantees sharp, crisp text and images for a polished, professional finish on every print job

Opaque, bright white, smooth matte finish delivers the perfect balance of superior functionality and a luxurious aesthetic

Reliable performance on offset, digital dry toner/laser, and HP Indigo printers - even with double sided graphics- outperforming similar products in the market

Waterproof, weatherproof, and tear-resistant, making it suitable for both indoor and outdoor applications

Available in two distinct grades tailored for digital (dry toner and HP Indigo) and offset presses for optimal performance on your preferred printing method

**Print Compatibility:** Digital (Dry Toner/Laser & HP Indigo) and Offset



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

SCAN HERE FOR  
FREE SAMPLES ▶



## Applications

- Menus
- Brochures
- Table Tents
- Shelf Wobblers
- ID Cards
- Packaging
- Certificates & Documents
- Maps
- Manuals
- Wristbands
- Posters
- Photo Books
- Bottleneck Tags
- Plant Tags

Certified for  
HP Indigo

NEKOOSA PP SYNTHETIC PP0108 · 8 mil · HP Indigo 7900 | NEKOOSA.COM



## STANDARD SIZES ▶

Thickness	SKU #	Size	GSM	M Wgt	Sheets/Carton	Carton Weight
<b>Nekoosa PP Synthetic - Digital (Dry Toner/Laser &amp; HP Indigo) · Cartons</b>						
8 mil	PP0108-1218-750	12" x 18"	147	45.20	750	33.9
	PP0108-1319-750	13" x 19"		51.68	750	38.7
10 mil	PP0110-1218-600	12" x 18"	189	57.98	600	34.8
	PP0110-1319-600	13" x 19"		66.30	600	39.8
12 mil	PP0112-1218-500	12" x 18"	204	62.70	500	31.3
	PP0112-1319-500	13" x 19"		71.70	500	35.8
14 mil	PP0114-1218-450	12" x 18"	250	76.80	450	34.6
	PP0114-1319-450	13" x 19"		87.82	450	39.5

Thickness	SKU #	Size	GSM	M Wgt	Sheets/Carton	Packages/Carton	Sheets/Package	Carton Weight
<b>Nekoosa PP Synthetic - Digital (Dry Toner/Laser &amp; HP Indigo) · Retail Packs</b>								
8 mil	PP0108-1218-400-4100	12" x 18"	147	45.20	400	4	100	18.1
	PP0108-1319-400-4100	13" x 19"		51.68	400	4	100	20.7
10 mil	PP0110-1218-400-4100	12" x 18"	189	57.98	400	4	100	23.2
	PP0110-1319-400-4100	13" x 19"		66.30	400	4	100	26.6
12 mil	PP0112-1218-400-4100	12" x 18"	204	62.70	400	4	100	25.1
	PP0112-1319-400-4100	13" x 19"		71.70	400	4	100	28.7
14 mil	PP0114-1218-300-3100	12" x 18"	250	76.80	300	3	100	23.0
	PP0114-1319-300-3100	13" x 19"		87.82	300	3	100	26.3

Thickness	SKU #	Size	GSM	M Wgt	Sheets/Skid	Skid/Weight
<b>Nekoosa PP Synthetic - Offset (Conventional &amp; UV Offset) · Skids</b>						
8 mil	PP0208-2840-1000	28" x 40"	147	234.38	1,000	234.2
10 mil	PP0210-2840-1000	28" x 40"	189	300.64	1,000	301.1
12 mil	PP0212-2840-1000	28" x 40"	204	325.16	1,000	325.0
14 mil	PP0214-2840-1000	28" x 40"	250	398.24	1,000	398.3

\*Additional sizes are available upon request. Minimum order quantities and extended lead times may apply.

 = PVC-Free

Certified for  
HP Indigo



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## TECHNICAL DATA ▶

		Digital Dry Toner/Laser ▶	PP0108	PP0110	PP0112	PP0114
		Offset ▶	PP0208	PP0210	PP0212	PP0214
<b>Physical Properties</b>						
<b>Thickness</b>	mil		8	10	12	14
	micron		200	250	290	340
<b>Basis Weight</b>	g/m <sup>2</sup>		147	189	204	250
<b>Finish</b>			Matte	Matte	Matte	Matte
<b>Color</b>			White	White	White	White
<b>Opacity</b>	ISO 2471		95%	98%	98%	99%
<b>Gloss 60°</b>	ISO 2813		3-7	3-7	3-7	3-7
<b>MD Thermal Shrinkage</b>	ASTM D2732 135C/7 min		<2.5%	<2.5%	<2.5%	<2.5%
<b>TD Thermal Shrinkage</b>	ASTM D2732 135C/7 min		<1.5%	<1.5%	<1.5%	<1.5%
<b>MD Tensile Strength</b>	ASTM D882		>80 N/mm <sup>2</sup>	>80 N/mm <sup>2</sup>	>80 N/mm <sup>2</sup>	>80 N/mm <sup>2</sup>
<b>TD Tensile Strength</b>	ASTM D882		>165 N/mm <sup>2</sup>	>165 N/mm <sup>2</sup>	>165 N/mm <sup>2</sup>	>165 N/mm <sup>2</sup>
<b>Smoothness</b>	GB/T 456		Min 1000	Min 1000	Min 1000	Min 1000
<b>Whiteness Cie</b>	GB/T 2804		Min 85	Min 85	Min 85	Min 85
<b>Mass Density</b>	g/cm <sup>3</sup>		0.75 ± 0.02	0.7 ± 0.02	0.75 ± 0.02	0.75 ± 0.02
<b>Recycle Code*</b>						
<b>Regulatory Compliancy</b>			RoHS, REACH, CA Prop 65, CPSIA, FDA Indirect Food Contact			

<b>Conditions for Use</b>	
<b>Shelf Life</b>	2 Years
<b>Outdoor Durability</b>	12 Months
<b>Solvent Resistance</b>	Good
<b>Chemical Resistance</b>	Good

**\*Recyclability Statement:** As a polypropylene (PP) plastic film, this material is identifiable in the Plastics Identification Code as #5. The material is recyclable where the facilities are available to do so or may be used in a Waste-to-Energy system to generate heat or electricity. The material will remain inert if disposed of in an approved landfill.

### Additional Information:

- For print recommendations and more specific technical data, visit <https://www.nekoosa.com/products/pp-synthetic> and reference the documents in the "Media" section.
- Nekoosa PP Synthetic - Digital is engineered to deliver consistent performance across a broad range of digital printing technologies. Testing has demonstrated successful runnability on various press models, including popular brands like HP Indigo, Canon, and Ricoh, among others. For guidance on compatibility with your specific equipment, please contact Nekoosa.

The information provided herein is correct to the best of Nekoosa's knowledge. 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.