

PP SYNTHETIC

POLYPROPYLENE
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



STOCKED PRODUCTS ▶


Thickness	SKU #	Size	GSM	M Wgt	Sheets/Carton	Packages/Carton	Sheets/Package	Carton Weight
Nekoosa PP Synthetic - Digital (Dry Toner/Laser & HP Indigo)								
8 mil	PP0108-1218-750	12" x 18"	147	45.20	750	-	-	33.9
	PP0108-1218-400-4100	12" x 18" Retail Pack		45.20	400	4	100	18.1
	PP0108-1319-750	13" x 19"		51.68	750	-	-	38.7
	PP0108-1319-400-4100	13" x 19" Retail Pack		51.68	400	4	100	20.7
10 mil	PP0110-1218-600	12" x 18"	189	57.98	600	-	-	34.8
	PP0110-1218-400-4100	12" x 18" Retail Pack		57.98	400	4	100	23.2
	PP0110-1319-600	13" x 19"		66.30	600	-	-	39.8
	PP0110-1319-400-4100	13" x 19" Retail Pack		66.30	400	4	100	26.6
12 mil	PP0112-1218-500	12" x 18"	204	62.70	500	-	-	31.3
	PP0112-1218-400-4100	12" x 18" Retail Pack		62.70	400	4	100	25.1
	PP0112-1319-500	13" x 19"		71.70	500	-	-	35.8
	PP0112-1319-400-4100	13" x 19" Retail Pack		71.70	400	4	100	28.7
14 mil	PP0114-1218-450	12" x 18"	250	76.80	450	-	-	34.6
	PP0114-1218-300-3100	12" x 18" Retail Pack		76.80	300	3	100	23.0
	PP0114-1319-450	13" x 19"		87.82	450	-	-	39.5
	PP0114-1319-300-3100	13" x 19" Retail Pack		87.82	300	3	100	26.3

Thickness	SKU #	Size	GSM	M Wgt	Sheets/Skid	Skid/Weight
Nekoosa PP Synthetic - Offset (Conventional & UV Offset)						
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.



TECHNICAL DATA ▶

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

Conditions for Use	
Shelf Life	2 Years
Outdoor Durability	12 Months
Solvent Resistance	Good
Chemical Resistance	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.

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.