

KERNOWPRINT ECO PRO LITE

A mineral-filled polypropylene produced with up to 40% natural mineral content. A more environment friendly solution reducing the amount of total plastic being used during the production process. This helps meet sustainability goals in areas where recycling isn't available.

KernowPrint ECO PRO Lite is a durable Synthetic paper Compatible for Dry Toner. Specifically engineered and coated to provide a softer feel, better flexibility & foldability, reduced stretch & distortion, or jam – even in most demanding print conditions.

WHY CHOOSE US?

KernowPrint ECO PRO Lite HEPP is a Polypropylene that contains up to 40% natural minerals as a replacement for non-renewable fossil fuels (oil) which enhanced the carbon footprint and help reducing its CO2 Emissions 80% lower than of PP/LDPE**. A step forward towards a durable synthetic offering a more environment friendly and sustainable solution for your business and your customers.

FEATURES

- 40% less plastic more for the environment
- Perfect feel for menus, tags, and booklets handled by customers
- Prints like paper
- Weatherproof, waterproof, chemical proof and virtually indestructible!
- Aqueous base coating



PRODUCT	SIZES	PRODUCT CODE
130µ KernowPrint ECO PRO Lite HEPP Matt white	SRA3, SRA3+	130HEPP
160µ KernowPrint ECO PRO Lite HEPP Matt white	SRA3, SRA3+	160HEPP
210µ KernowPrint ECO PRO Lite HEPP Matt white	SRA3, SRA3+	210HEPP
260µ KernowPrint ECO PRO Lite HEPP Matt white	SRA3, SRA3+	260HEPP
310µ KernowPrint ECO PRO Lite HEPP Matt white	SRA3, SRA3+, B2	310HEPP
360µ KernowPrint ECO PRO Lite HEPP Matt white	SRA3, SRA3+, B2	360HEPP

KERNOWPRINT®

ECO PRO LITE

The new digital synthetic paper
**MADE WITH
40% LESS PLASTIC**



A PERFECT SOLUTION

Customers looking for significantly more environmentally friendly and sustainable solutions, but still wanting a durable product that offer good value alongside good ethical practice and a clear conscience.

Overall Toughness: ★★★★★

Outdoor Use: ★★★★★

Heat Resistance: ★★★★★

Chemical Resistance: ★★★★★

Rigidity: ★★ - ★★★★★

Adhesive: N/A

Service Range: 0°C to + 130°C (32°F to +266°F)

Special Features:

- Weatherproof & Waterproof
- No lamination required



COMPATABILITY:

Laser/Dry Toner: ★ ★ ★ ★ ★

HP Indigo: N/A

Inkjet: N/A

TESTED FOR: **OKI** **Canon** **XEROX** **KONICA MINOLTA** **RICOH** **Kodak**

KEY FEATURES

- Weatherproof & Waterproof
- Tear & chemical resistant
- OEM tested & certified
- Easily folds, creases, stitches, and glues just like paper
- No need to laminate
- ☆ REDUCED CO² emission into the atmosphere
- ☆ REDUCED TiO² pigment consumption
- ☆ REDUCED water consumption of raw materials
- ☆ REDUCED energy consumption during production
- ☆ Detectable by NIR equipment that is used within the recycling sector

IDEALLY SUITED FOR

- Menus
- Tags
- Booklets
- Catalogs

RECOVERY & RECYCLING INFORMATION

Polypropylene (PP) is more environmentally friendly than some other plastics, a thermoplastic polymer which is widely used for many applications. It's also used by many industries from automotive to medical, and retail applications. As a result, polypropylene recycling has become a necessary function of the polypropylene life cycle. PP is recyclable category 5 and doesn't release as many toxins as plastics, such as PVC.

Where can you recycle polypropylene?

Estimates suggest that PP from recycling emits 88 percent less CO₂ than producing it from scratch. The good news is that the demand for recycled PP is strong. We recommend checking with your local municipality or waste hauler for suitable polypropylene recycling programs near you. Polypropylene can be repurposed to create dishware, gardening materials, containers, bricks, storage racks, bins speed bumps etc.

PHYSICAL PROPERTY		130HEPP	160HEPP	210HEPP	260HEPP	310HEPP	360HEPP	STANDARD
Total Weight	gsm	150 +/- 4	180 +/- 5	240 +/- 7	300 +/- 10	350 +/- 12	432 +/- 15	ISO 536
Total Thickness	μ	130 +/- 4	160 +/- 5	210 +/- 7	260 +/- 10	310 +/- 12	360 +/- 13	ISO 534
Total Thickness	mil	5.1 +/- 0.16	6.3 +/- 0.2	8.3 +/- 0.28	10.2 +/- 0.4	12.2 +/- 0.47	14.2 +/- 0.51	ISO 534
Tensile Strength	MD (N/mm ²)	26	24	24	24	24	24	ISO 527-3
	TD (N/mm ²)	21	22	22	22	22	22	
Tensile Strength	MD (psi)	3770	3480	3480	3480	3480	3480	ISO 527-3
	TD (psi)	3044	3190	3190	3190	3190	3190	
Elongation	MD (%)	350	250	250	200	150	100	ISO 527-3
	TD (%)	100	100	100	100	100	50	
CIE Whiteness	CIE WI	>118	>118	>118	>118	>118	>110	ASTM E313
Opacity	%	>97	>97	>98	>99	>99	>99	TAPPI T519
Gloss 60°	%	<4	<4	<4	<4	<4	<4	ISO 2813

RECOMMENDED CONDITIONS

Printroom	10°C - 30°C (50°F - 86°F)	40% - 55% RH
Storage	10°C - 20°C (50°F - 68°F)	20% - 55% RH

* Uncoated PP

** Typical carbon footprint stated by raw material supplier

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Please return unused product to its original packaging. Shelf Life: 24 months after delivery (under recommended storage conditions). The information provided herein is correct to the best of our knowledge. No liability for any errors, facts or opinions is accepted. We recommend users make their own assessments to satisfy themselves as to the suitability of this product for their application.



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