

KERNOWPRINT SPECIALITIES

How many times have you had customers ask for something that seems impossible with traditional print? Well stop saying no and start producing stunning special effects, eye-popping prints, and exquisite signage that leaves them coming back for more!

WHY CHOOSE US?

With KernowPrint Speciality Media, you can unlock the full power of your digital press by showing off vivid backlit signs, product displays with vibrant graphics and crystal-clear windows, and new textures effects that are unavailable anywhere else!

FEATURES

simply
TOUGHER
than paper

- Speciality media quickly enhances any print by adding integrated special effects
- Crystal-clear PET allows for surface overlays, windowed prints, and other applications where you need to convey a message, but don't want the material to get in the way!
- KernowPrint Non-Woven Textile is stitchable, breathable, and ready to print. Ideal for those marathons, races, and walk-a-thons!
- Available with both KernowPrint for Dry Toner and Cobalt Coating Technology for HP Indigo!

UK, EU AND ROW PRODUCT LIST

PRODUCT DESCRIPTION	SIZES		PRODUCT CODE		OVERALL TOUGHNESS	OUTDOOR USE	HEAT RESISTANCE	CHEMICAL RESISTANCE	RIGIDITY	SERVICE RANGE	SPECIAL FEATURES
188µ KernowPrint PRO (PET) Matt/Gloss	A4	A3	SRA3	188HGM	★★★★	★★★★	★★★★★	★★★	★★★★	-40°C to +255°C	Matt/gloss assymetric sides, Detergent-resistant
182µ KernowPrint PRO (PET) Gloss Clear	A4	A3	SRA3	182HGC	★★★★	★★★★	★★★★★	★★★	★★★★	-40°C to +255°C	High transparency
183µ KernowPrint PRO (PET) Double Gloss	A4	A3	SRA3	180HWNP	★★★★	★★★★	★★★★★	★★★	★★★★	-40°C to +255°C	High bond to lamination films, Broad print compatibility
135µ KernowPrint PRO (PET) Write 'n Wipe	A4	A3	SRA3	131HGDC	★★★★	★★★★	★★★★★	★★★★	★★★★	-40°C to +255°C	High gloss, Detergent-resistant
182µ KernowPrint PRO (PET) Write 'n Wipe	A4	A3	SRA3	182HGDC	★★★★	★★★★	★★★★★	★★★★	★★★★	-40°C to +255°C	High gloss, Detergent-resistant
145µ KernowPrint PRO (PET) Backlit	A4	A3	SRA3	145HHF	★★★★	★★★★	★★★★★	★★★	★★★★	-40°C to +255°C	Water & detergent-resistant, Highly diffuse for backlit
195µ KernowPrint PRO (PET) Backlit	A4	A3	SRA3	195HHF	★★★★	★★★★	★★★★★	★★★	★★★★	-40°C to +255°C	Water & detergent-resistant, Highly diffuse for backlit
95µ KernowPrint PRO (PET) Light Frost	A4	A3	SRA3	095HLF	★★★★	★★★★	★★★★★	★★★	★★★★	-40°C to +255°C	Water & detergent-resistant, Diffuse
120µ KernowPrint PRO (PET) Light Frost	A4	A3	SRA3	120HLF	★★★★	★★★★	★★★★★	★★★	★★★★	-40°C to +255°C	Water & detergent-resistant, Diffuse
100µ KernowPrint PRO (PET) Mono/Colour Transparencies Plain	A4	A3	SRA3	100TCC	★★★★	★★★★	★★★★★	★★★	★★★★	-40°C to +255°C	High transparency
150µ KernowPrint PRO Non-Woven Textile	A4	A3	SRA3	100KTNW	★★★	★★★★	★★★	★★★★	★★★	-20°C to +80°C	Water-resistant, Highly flexible

US PRODUCT LIST

PRODUCT DESCRIPTION	SIZES		PRODUCT CODE*	OVERALL TOUGHNESS	OUTDOOR USE	HEAT RESISTANCE	CHEMICAL RESISTANCE	RIGIDITY	SERVICE RANGE	SPECIAL FEATURES
8 mil KernowPrint PRO (PET) Frosted	8.5x11	12x18	P20	★★★★	★★★	★★★★★	★★★	★★★	-40°F to +491°F	Soft-touch, High foldability, Easy die-cut
8 mil KernowPrint PRO (PET) Matte/Gloss	8.5x11	12x18	P25	★★★★	★★★★	★★★★★	★★★	★★★★	-40°F to +491°F	Matt/gloss assymetric sides, Detergent-resistant
8 mil KernowPrint PRO (PET) Gloss Clear	8.5x11	12x18	P26	★★★★	★★★★	★★★★★	★★★	★★★★	-40°F to +491°F	High transparency
5 mil KernowPrint PRO (PET) Write 'n Wipe	8.5x11	12x18	P75	★★★★	★★★★	★★★★★	★★★★	★★★★	-40°F to +491°F	High gloss, Detergent-resistant
7 mil KernowPrint PRO (PET) Write 'n Wipe	8.5x11	12x18	P76	★★★★	★★★★	★★★★★	★★★★	★★★★	-40°F to +491°F	High gloss, Detergent-resistant
8 mil KernowPrint PRO (PET) Backlit	8.5x11	12x18	P28	★★★★	★★★★	★★★★★	★★★	★★★★	-40°F to +491°F	Water & detergent-resistant, Highly diffuse for backlit
8 mil KernowPrint PRO (PET) Light Frost	8.5x11	12x18	P29	★★★★	★★★★	★★★★★	★★★	★★★★	-40°F to +491°F	Water & detergent-resistant, Diffuse
8 mil KernowPrint PRO (PET) Gloss Clear Paper-Backed		12x18	P34	★★★★	★★★★	★★★★★	★★★	★★★★	-40°F to +491°F	High transparency
6 mil KernowPrint PRO Non-Woven Textile	8.5x11	12x18	N14	★★★	★★★★	★★★	★★★★	★★★	-4°F to +176°F	Water-resistant, Highly flexible



KERNOW
COATINGS

KERNOWPRINT®
DRY TONER

KERNOWPRINT PRO (PET) SPECIALITIES

More Than Just Synthetic Paper



- Speciality media quickly enhances any print by adding integrated special effects
- Crystal-clear PET allows for surface overlays, windowed prints, and other applications where you need to convey a message, but don't want the material to get in the way!
- KernowPrint Non-Woven Textile is stitchable, breathable, and ready to print. Ideal for those marathons, races, and walk-a-thons!
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KERNOWPRINT DRY TONER PRO (PET) SPECIALITIES

COMPATIBILITY Laser/Dry Toner: ★★★★★ HP Indigo: ★ Inkjet: N/A

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

KEY FEATURES

- Speciality products enhance any print by adding integrated special effects
- Waterproof, tearproof, greaseproof, can be hole punched
- Ideal for applications requiring special effects and/or unique marketing materials

IDEALLY SUITED FOR

- Retail Tags
- Bar menus
- Report covers
- Backlit displays
- Window overlays
- Retail plan-o-grams
- Transparent/translucent book pages
- Customised light shades
- Eye-catching marketing pieces
- Unique shelf signage

TECHNICAL DATA

Typical Value								Units
Property	P20	188HGM/P25	182HGC/P26	180HWNP	131HGDC/P75	182HGDC/P76	145HHF	
Total Thickness	193/7.8	188/7.4	182/7.2	183/7.2	135/5.3	182/7.2	145/5.7	µ/mil
Weight	269	256	252	260	187	252	200	gsm
Opacity	> 82	> 99	90	> 98	N/A	N/A	> 60	%
Light Transmission	N/A	N/A	90 +/- 2	N/A	N/A	N/A	N/A	%
CIE Whiteness	N/A	Gloss side: > 120 Matt side: > 140	N/A	> 120	> 120	> 120	N/A	CIE WI
Gloss 60°	< 3	Gloss side: > 80 Matt side: < 4	N/A	67	N/A	N/A	< 4	%
Shrinkage	MD -0.37 TD +0.1	MD < 1.3 TD < 0.4	MD < 1.3 TD < 0.4	MD < 1.3 TD < 0.4	N/A	N/A	MD < 1.3 TD < 0.4	%
Tensile Strength	MD 20 TD 28	MD 16 TD 18	MD 10 TD 23	MD 14 TD 15	MD 16 TD 18	MD 16 TD 18	MD 19 TD 23	kgF/mm2
Elongation at break	MD 170 TD 110	MD 140 TD 115	MD 185 TD 140	MD 120 TD 120	MD 140 TD 115	MD 140 TD 115	MD 185 TD 140	%
Melting Point	250/482	250/482	250/482	250/482	250/482	250/482	250/482	°C/°F

Typical Value							Units
Property	195HHF/P28	095HLF	120HLF/P29	182HGCP/P34	100TCC	100KTNW/N14	
Total Thickness	195/7.7	95/8	120/4.7	264/10.4	100/3.9	150/5.9	µ/mil
Thickness (without paper tip)	N/A	N/A	N/A	180/7.1	N/A	N/A	µ/mil
Total Weight	262	123	160	325	132	103	gsm
Weight (without paper tip)	N/A	N/A	N/A	255	N/A	N/A	gsm
Opacity	64	> 30	34	N/A	N/A	> 68	%
Light Transmission	N/A	N/A	N/A	91 +	90 +/- 2	N/A	%
CIE Whiteness	N/A	N/A	N/A	N/A	N/A	> 84	CIE WI
Gloss 60°	< 4	< 4	< 4	N/A	N/A	4	%
Shrinkage	MD < 1.3 TD < 0.4	MD < 0.4 TD < 0.2	MD < 0.4 TD < 0.2	MD < 1.3 TD < 0.4	MD -0.37 TD +0.1	N/A	%
Tensile Strength	MD 19 TD 23	MD 20 TD 28	MD 20 TD 28	MD 19 TD 20	MD 18 TD 20	N/A	kgF/mm2
Elongation at break	MD 185 TD 140	MD 170 TD 110	MD 170 TD 110	MD 185 TD 140	MD 180 TD 120	N/A	%
Melting Point	250/482	250/482	250/482	250/482	250/482	250/482	°C/°F

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

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.

Regional certification differences apply.

*Uncoated base material