

## KERNOWPRINT PRO ADHESIVES

Test tubes. Store windows. Food freezers. Oil drums. Fortunately, KernowPrint pressure sensitive adhesive labelstocks have you covered no matter what surface you find yourself needing to apply an image to. Our label materials take the guess work out of how to get your point across by providing the most effective range of permanent and removable adhesives designed for the widest range of surfaces. Our ultra-durable face films help shrug off scratches and scuffs, resist chemicals in any environment, and can even survive under water for months at a time.

### WHY CHOOSE US?

Colour Laser Synthetic Labels are better than traditional printing - they are faster, more economic and more versatile. KernowPrint Synthetic Labels are ready right from your Colour Laser!

### FEATURES

simply  
**TOUGHER**  
than paper

- Our films are available in a range of thicknesses, matt/gloss surfaces and variety of liners
- Kernow toner/laser printed films are fully waterproof, demonstrate the best scuff, solvent and heat resistance and have been tested and approved by all major OEM's.
- No overlamination required!

### UK, EU AND ROW PRODUCT LIST

PRODUCT DESCRIPTION	SIZES	LINER	FACE	PRODUCT CODE	OVERALL TOUGHNESS	OUTDOOR USE	HEAT RESISTANCE	CHEMICAL RESISTANCE	RIGIDITY	ADHESIVE	SERVICERANGE	SPECIAL FEATURES
53µ KernowPrint PRO (PET) Clear Gloss - Perm	A4 A3	85µ film	53µ/210gsm	053HCXF								
53µ KernowPrint PRO (PET) Clear Gloss - Perm	A4 A3	SRA3 95gsm paper	53µ/186gsm	053HCXP								
53µ KernowPrint PRO (PET) Clear Gloss - Perm	A4 A3	SRA3 140gsm paper	53µ/235gsm	053HCX14	★★★★	★★★★	★★★★★	★★★	★★★★	Permanent emulsion	-20°C to +80°C	Water-resistant, Mid shear,
53µ KernowPrint PRO (PET) White Gloss - Perm	A4 A3	140gsm paper	53µ/235gsm	053HGX14								High initial tack, Permanent
53µ KernowPrint PRO (PET) White Gloss - Perm	A4 A3	85µ film	53µ/215gsm	053HGXF								
53µ KernowPrint PRO (PET) White Gloss - Perm	A4 A3	SRA3 95gsm paper	53µ/186gsm	053HGXP								
60µ KernowPrint PRO (PET) White Matt - Perm	A4 A3	85µ film	60µ/220gsm	060HWWF								Water-resistant, Mid shear
60µ KernowPrint PRO (PET) White Matt - Perm	A4 A3	SRA3 90gsm paper	60µ/190gsm	060HWXP	★★★★	★★★★	★★★★★	★★★★	★★★★	Permanent emulsion	-20°C to +80°C	High initial tack, Permanent
60µ KernowPrint PRO (PET) White Matt - Perm	A4 A3	SRA3 140gsm paper	60µ/245gsm	060HWX14								
60µ KernowPrint PRO (PET) White Matt - Marine Grade	A4 A3	SRA3 140gsm paper	60µ/245gsm	060HWM14	★★★★	★★★★	★★★★★	★★★★	★★★★	Marine permanent emulsion	-20°C to +120°C	BS3944 Complaint, V. high initial tack
60µ KernowPrint PRO (PET) White Matt - Ultra Rem	A4 A3	SRA3 140gsm paper	60µ/245gsm	060HWU14	★★★★	★★★	★★★★★	★★★★	★★★★	Removable emulsion	-20°C to +80°C	Low tack, High shear, Ultra removable / repositionable
53µ KernowPrint PRO (PET) Clear Gloss - Ultra Rem	A4 A3	SRA3 140gsm paper	53µ/235gsm	053HCU14	★★★★	★★★	★★★★★	★★★★	★★★★	Removable emulsion	-20°C to +80°C	Low tack, High shear, Ultra removable / repositionable
57µ KernowPrint PRO (PET) Metalik Silver Matt - Perm		SRA3 90gsm paper	57µ/221gsm	060HMSXP	★★★★	★★★	★★★★★	★★★	★★★★	Solvent permanent	-40°C to +180°C	Low tack, Mid shear, High temperature resistance
57µ KernowPrint PRO (PET) Metalik Silver Gloss - Perm		SRA3 90gsm paper	57µ/220gsm	060HGSXP	★★★★	★★★	★★★★★	★★★	★★★★	Solvent permanent	-40°C to +180°C	Low tack, Mid shear, High temperature resistance

### US PRODUCT LIST

PRODUCT DESCRIPTION	SIZES	THICKNESS			PRODUCT CODE*	OVERALL TOUGHNESS	OUTDOOR USE	HEAT RESISTANCE	CHEMICAL RESISTANCE	RIGIDITY	ADHESIVE	SERVICERANGE	SPECIAL FEATURES
		milfs	microns	gsm									
2 mil KernowPrint PRO (PET) Clear Gloss / Permanent / PET Liner	8.5x11 12x18	Face 2.0 Total 5.9	Face 53 Total 150	Total 210	P36								
2 mil KernowPrint PRO (PET) Clear Gloss / Permanent / Paper Liner	8.5x11 12x18	Face 2.0 Total 7.9	Face 53 Total 200	Total 235	P37	★★★★	★★★★	★★★★★	★★★	★★★★	Permanent emulsion	-4°F to +176°F	Water-resistant, Mid shear, High initial tack, Permanent
2 mil KernowPrint PRO (PET) White Gloss / Permanent / PET Liner	8.5x11 12x18	Face 2.0 Total 5.9	Face 53 Total 150	Total 215	P41								
2 mil KernowPrint PRO (PET) White Matt / Permanent / PET Liner	8.5x11 12x18	Face 2.4 Total 6.3	Face 60 Total 160	Total 220	P42								
2 mil KernowPrint PRO (PET) White Matt / Permanent / Paper Liner	8.5x11 12x18	Face 2.4 Total 8.7	Face 60 Total 220	Total 245	P38	★★★★	★★★★	★★★★★	★★★★	★★★★	Permanent emulsion	-4°F to +176°F	Water-resistant, Mid shear, High initial tack, Permanent
2 mil KernowPrint PRO (PET) White Matt / Marine Grade / Paper Liner	8.5x11 12x18	Face 2.4 Total 8.9	Face 60 Total 225	Total 245	P43	★★★★	★★★★	★★★★★	★★★★	★★★	Marine grade	-4°F to +250°F	BS3944 Complaint, V. high initial tack, Aggressive permanent
2 mil KernowPrint PRO (PET) White Matt / Ultra Removable / Paper Liner	8.5x11 12x18	Face 2.4 Total 8.7	Face 60 Total 220	Total 245	P44	★★★★	★★★	★★★★★	★★★★	★★★★	Removable emulsion	-4°F to +176°F	Low tack, High shear, Ultra removable / repositionable
2 mil KernowPrint PRO (PET) Clear Gloss / Ultra Removable / Paper Liner	8.5x11 12x18	Face 2.0 Total 8.3	Face 53 Total 210	Total 235	P45	★★★★	★★★	★★★★★	★★★★	★★★★	Removable emulsion	-4°F to +176°F	Low tack, High shear, Ultra removable / repositionable
2 mil KernowPrint PRO (PET) Metalik Silver Gloss / Permanent / Paper Liner	8.5x11 12x18	Face 2.2 Total 7.4	Face 57 Total 187	Total 220	P47	★★★★	★★★	★★★★★	★★★	★★★★	Solvent permanent	-40°F to +356°F	Low tack, Mid shear, High temperature resistance
4 mil KernowPrint PRO Lite (PVC) White Vinyl / Perm / 91# PK	8.5x11 12x18	Face 4 Total 11.6	Face 104 Total 295	Total 330	P61					*	Permanent emulsion	-40°F to +176°F	Excellent conformability, Guaranteed layflat liner, Superior ink adhesion, Excellent conformability
4 mil KernowPrint PRO Lite (PVC) White Vinyl / Rem / 91# PK	8.5x11 12x18	Face 4 Total 10.8	Face 94 Total 275	Total 330	P62	★★★★	★★★	★★★	★★★	*	Permanent emulsion	-20°F to +176°F	



KERNOWPRINT®  
DRY TONER

# KERNOWPRINT PRO ADHESIVES

More Economic, More Versatile



**KERNOWPRINT PRO ADHESIVES**
**COMPATIBILITY** Laser/Dry Toner: ★★★★★ HP Indigo: ★ Inkjet: N/A

**TESTED FOR:** **OKI**  **intec** **Canon** **XEROX** **KONICA MINOLTA** **RICOH** **Kodak**
**KEY  
FEATURES**

- Toughest, most durable synthetic labels
- Clearest clears
- Most durable print quality
- Recyclable and more eco-friendly

**IDEALLY  
SUITED  
FOR**

- Retail signage
- Shipping container labeling
- Bumper stickers
- Product identifications
- Security & tamper evident packaging
- Chemical and drum labeling
- Window decoration
- Horticultural tags

Property	Typical Value									Units
	053HCXF/P36	053HCXP	053HCX14/P37	053HGX14	053HGXF/P41	053HGXP	060HWXF/P42	060HWXP	060HWX14/P38	
Total Thickness	150/5.9	160/6.3	200/7.9	200/7.9	150/5.9	160/6.3	160/6.3	170/6.7	220/8.7	µmil
Total Weight	210	186	235	235	215	186	220	190	245	gsm
Face Film Thickness (no adhesive)	53/2.0	53/2.0	53/2.0	53/2.0	53/2.0	53/2.0	60/2.4	60/2.4	60/2.4	µmil
Face Film Weight (no adhesive)	74	74	74	74	74	74	76	76	76	gsm
Liner Thickness	85/3.3	90/3.5	140/5.5	140/5.5	85/3.3	90/3.5	85/3.3	90/3.5	140/5.5	µmil
Liner Weight	N/A	93	140	140	N/A	93	N/A	93	140	gsm
Gloss 60°	N/A	N/A	N/A	N/A	> 80	N/A	< 4	< 4	< 4	%
Total Opacity	N/A	N/A	N/A	N/A	> 95	N/A	> 96	> 96	> 96	%
Tensile Strength	MD 20 TD 28	MD 20 TD 28	MD 20 TD 28	MD 20 TD 28	MD 20 TD 28	MD 20 TD 28	MD 16 TD 18	MD 16 TD 18	MD 16 TD 18	kgF/mm2
Melting Point	250/482	250/482	250/482	250/482	250/482	250/482	250/482	250/482	250/482	°C/°F
Adhesive Peel on Stainless Steel	> 12	> 12	> 12	> 12	> 12	> 12	> 12	> 12	> 12	N/25mm
Adhesive Application Temperature	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	°C/°F
Adhesive Service Temperature	-20 to 80 / -4 to 250	-20 to 80 / -4 to 176	-20 to 80 / -4 to 176	-20 to 80 / -4 to 176	-20 to 80 / -4 to 176	-20 to 80 / -4 to 176	-20 to 80 / -4 to 176	-20 to 80 / -4 to 176	-20 to 80 / -4 to 176	°C/°F

Property	Typical Value					Units
	060HWM14/P43	060HWU14/P44	053HCU14/P45	060HMSXP	060HGSXP/P47	
Total Thickness	225/8.9	220/8.7	210/8.3	188/7.4	187/7.4	µmil
Total Weight	245	245	235	221	220	gsm
Face Film Thickness (no adhesive)	60/2.4	60/2.4	53/2.0	57/2.2	57/2.2	µmil
Face Film Weight (no adhesive)	76	76	74	81	74	gsm
Liner Thickness	140/5.5	140/5.5	140/5.5	90/3.5	90/3.5	µmil
Liner Weight	140	140	140	93	93	gsm
Gloss 60°	< 4	< 4	N/A	N/A	N/A	%
Total Opacity	> 96	> 96	N/A	N/A	N/A	%
Tensile Strength	MD 16 TD 18	MD 16 TD 18	MD 20 TD 28	MD 185 TD 270	MD 185 TD 270	kgF/mm2
Melting Point	250/482	250/482	250/482	250/482	250/482	°C/°F
Adhesive Peel on Stainless Steel	> 12	< 1	< 1	> 12	> 15	N/25mm
Adhesive Application Temperature	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	5 to 50 / 41 to 122	°C/°F
Adhesive Service Temperature	-20 to 120 / -40 to 176	-20 to 80 / -4 to 250	-20 to 80 / -4 to 250	-40 to 180 / -40 to 356	-40 to 180 / -40 to 356	°C/°F

Property	Typical Value			Units
	P61	P62	P64	
Total Thickness	292/11.5	87/10.7	268/11.3	µmil
Face Film Thickness (no adhesive)	3.1/79	3.1/79	3.5/89	µmil
Liner Thickness	188/7.4	178/7	178/7	µmil
Dimensional Stability	MD 0.75 TD 0.75	MD 0.50 TD 0.50	MD 0.50 TD 0.50	kgF/mm2
Adhesive Peel on Stainless Steel	605/55	418/38	242/22	N/m / oz/in
Adhesive Peel on Acrylic	792/71	286/26	242/22	N/m / oz/in
Adhesive Peel on Glass	671/61	275/25	176/16	N/m / oz/in
Adhesive Peel on Polypropylene	550/50	231/21	110/10	N/m / oz/in
Expected Shear	8	3	N/A	h
Tack	610	300	250	gm
Minimum Application Temperature	-12.5/10	10/50	10/50	°C/°F
Adhesive Service Temperature	-40 to 80 / -40 to 176	-29 to 80 / 20 to 176	-29 to 80 / 20 to 176	°C/°F

**Recommended conditions:**

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

Please return unused product to its original packaging.  
 Shelf Life non-PVC products: 18 months after delivery (under recommended storage conditions).  
 Shelf Life PVC products: 18 months stored at 21°C (70°F) and 50% RH.