KERNOWPRINT RIGID VINYL

Point of Purchase signs, shelf strips, and gifts cards. What do they all have in common? They need a material that is tough enough to hold up to anything, versatile enough to work anywhere, and affordable enough to meet the most competitive challenges! Introducing KernowPrint Rigid Vinyls: rigid, durable PVC sheets engineered to top level performance and optimal day-to-day run characteristics. With it's exceptionally consistent matte finish, exceptional outdoor weatherability, and impossible to beat easy handling, Kernow Rigid Vinyl adds the versatility to address any customer demand!

MAKE THE BEST CHOICE

WHY CHOOSE PET

- Exceptional toughness and strength
- Unmatched chemical resistance
- Incredible heat resistance
- Readily recyclable

WHY CHOOSE PVC

- Ideal for laminated applications such as cards
- Self-extinguishing when exposed to flame
- Excellent balance of performance and cost

simply **TOUGHER** than paper

FEATURES

- Exceptionally smooth and consistent surface for perfect prints every time
- Incredible UV and corrosion resistance in outdoor applications
- PVC's self-extinguish in the presence of a flame, ideal for UL Flammability Testing
- Formulated specifically for platen and thermal lamination used in ID and gift cards
- Cost-effective for use in a wide variety of durable applications

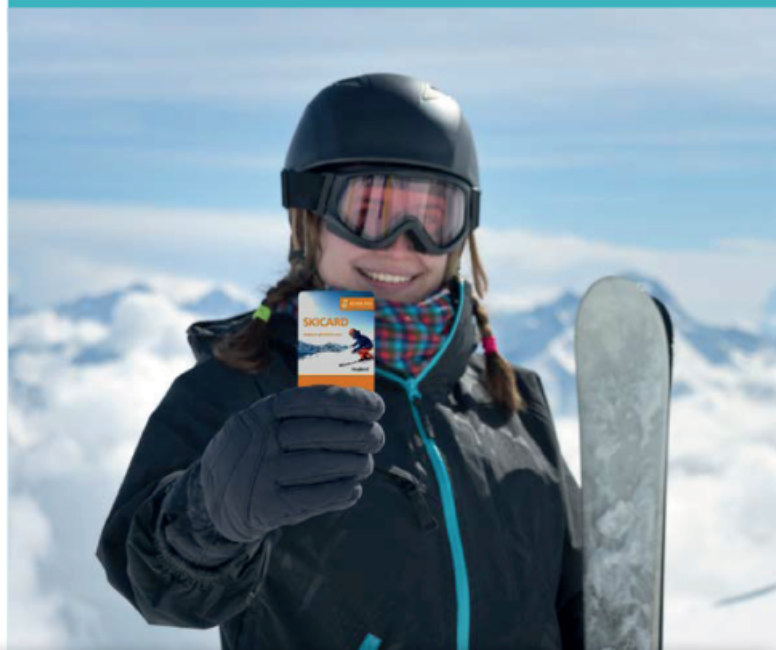| PRODUCT DESCRIPTION	SIZES		PRODUCT CODE*
10 mil KernowPrint (PVC) Rigid Vinyl White	12x18	13x19	Q300
15 mil KernowPrint (PVC) Rigid Vinyl White	12x18	13x19	Q305
18 mil KernowPrint (PVC) Rigid Vinyl White	13x19		Q308

*for the size/pack-specific codes, please refer to our Narrow Format Product Guide

KERNOW NORTH AMERICA | KERNOWPRINT® DRY TONER

KERNOWPRINT (PVC) RIGID VINYL

Rigid, Durable, Versatile

ULTRA DURABLE SIGNAGE

'The goal was to stop outsourcing the signs using our iGen. But the signs needed to be rigid, so they wouldn't blow out of the holders, and the graphics had to take the sun and heat and last up to 3 months. KernowPrint Rigid Vinyls allowed us to do all of that!'

Overall Toughness: ★ ★ ★ ★

Outdoor Use: ★ ★ ★

Heat Resistance: ★ ★ ★

Chemical Resistance: ★ ★ ★

Rigidity: ★ ★ ★ ★ ★

Adhesive: N/A

Service Range: -40°C to +225°C (-40°F to +491°F)

Special Features:

- Self-extinquishes in a flame
- Excellent platen lamination
- Superior ink adhesion
- High rigidity

KERNOWPRINT (PVC) RIGID VINYL

COMPATIBILITY:

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

3 PVC *

TESTED FOR: OKI   océ   intec   Canon

xerox   KONICA MINOLTA   RICOH   Kodak

KEY FEATURES

- Cost-effective for use in a wide variety of durable applications
- Ideal for laminated applications such as cards
- PVC's self-extinguish in the presence of a flame, ideal for UL Flammability Testing
- Excellent balance of performance and cost
- Incredible UV and corrosion resistance in outdoor applications

IDEALLY SUITED FOR

- Gift cards
- ID Cards
- Facility Signage
- Shelf Strips
- Point of Purchase signage
- Retail Hang Tags
- Cryogenic Tags
- UL Flammability Requirements

Properties	Standard	U.S.		SI	
		Unit	Value	Unit	Value
Gauge Range Available	Micrometer	mil	7 –40	µm	178-1016
Gauge Tolerance (Typical)	D-374	%	±5	%	±5
Specific Gravity	D-792	–	1.332*	–	1.332*
Material Yield (Nominal) 13.5 mil	D-792	in²/lb	1,520	m²/kg	2.16
Tensile Strength (Yield)	D-882	lb/in²	6,650	N/mm2	46
Tensile Elongation (Break)	D-882	%	160	%	160
Tensile Impact Strength	D-1822 MOD	ft*lb/in²	275	J/mm2	0.58
Cold Break Temperature	D-1790	°F	-4	°C	-20
VICAT Temperature	D-1525A	°F	183.2	°C	84
Laminating Set Temperature (Typical)	Temperature	°F	340	°C	171

Recommended conditions:

- Ideal storage conditions between 10 - 30ºC (50 - 86ºF)
- Ideal RH 40-70%
- Should not be stored in direct sunlight
- Store rolls in original packaging to protect from dust