

Why choose KernowJet Opaline?

Backlit films are very technical products - they are much more than just a 'milky' film. KernowJet Opaline available in 3 unique finishes combines all the benefits that printing companies and end-users look for when it comes to lightboxes and backlit displays. Especially important is the excellent day/night performance: the back-coat will hide the light elements when the film gets used with back lighting and ensure the even light diffusion through the film.

Key Features

- Very high colour density, intense and bright colour gamut
- Bright light-diffusing back-coat hides light elements
- Excellent scratch and weather-resistance, ideal solution for outdoor lightboxes and scrolling displays
- Antistatic treatment avoids attracting dust and slipping in printer

Opaline Frost

Our frosted finish diffuses light evenly, creating a soft, glowing effect ideal for illuminated signage and displays. Its semi-transparent surface enhances visibility while reducing glare.

Opaline Gloss

Enhances vibrant colors and sharp details when illuminated from behind, making it ideal for eye-catching signage and displays. Its adds a sleek, professional look while improving light diffusion.

Opaline Satin

Our satin finish is designed for evenly illuminated displays, reducing glare while enhancing color depth. Its smooth, soft sheen provides a refined look whilst delivering breathtaking images that captivate in any lighting condition.

UK, EU & RoW Product List

PRODUCT DESCRIPTION	WIDTH	LENGTH	PRODUCT CODE
145µ Opaline Frost (PET)	914mm	50m 100m	145HHF
195µ Opaline Frost (PET)	914mm	50m 100m	195HHF
201µ Opaline Gloss (PET)	914mm 1067mm 1270mm 1372mm 1524mm	30m	201SGB
215µ Opaline Satin (PET)	1372mm 1524mm	30m	215SSB

US Product List

PRODUCT DESCRIPTION	WIDTH	LENGTH	PRODUCT CODE
7.7mil Opaline Frost 195* (PET)	36"	164' 328'	195HHF
7.9mil Opaline Gloss 201 (PET)	36" 50" 54" 60"*	100'	201SGB
8.5mil Opaline Satin 215 (PET)	54" 60"*	100	215SSB



KERNOW
COATINGS

KERNOWJET OPALINE

AURORA GLOW
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KernowJet Opaline (PET)

Applications

- Retail lightbox advertising
- Airport & transit advertising
- Menu boards & restaurant displays
- Cinema & entertainment posters
- Trade shows and exhibition graphics

Opaline Frost Compatibility

Latex	N/A
(Eco) Solvent	N/A
UV	★★★

Opaline Gloss Compatibility

Latex	★★★
(Eco) Solvent	★★★
UV	★★★

Certified

Certified for
HP Latex Inks

Opaline Satin Compatibility

Latex	★★★
(Eco) Solvent	★★★
UV	★★★

Property	Typical Value				Units
	201SGB	145HHF	195HHF	215SSB	
Total Thickness	201 +/- 10 7.9	145 +/- 4 5.7	195 +/- 4 7.7	215 +/- 7 8.5 +/- 0.28	µ/mil
Total Weight	285 +/- 5	200 +/- 5	262 +/- 4	287 +/- 5	gsm
Gloss 60 °	>80	<4	<4	<12	%
Opacity	75 +/- 2	64 +/- 2	64 +/- 2	74 +/- 2	%
CIE Whiteness Index	90	-	-	>120	CIE WI
Tensile Strength	MD 14 TD 15	MD 19 TD 23	MD 19 TD 23	MD14 TD15	kgF/ mm2
Melting Point	250	250	250	250	°C
Shrinkage	-	MD <1.3 TD <0.4	MD <1.3 TD <0.4	MD <1.3 TD <0.4	%
Elongation at break	-	MD 185 TD 140	MD 185 TD 140	MD 185 TD 140	%



Recommended conditions:

Printroom	15°C – 30°C (59°F – 86°F)	30% – 65% RH
Storage	10°C – 20°C (50°F – 68°F)	20% – 50% 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.

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