

KERNOWJET OPALINE

Backlit films are very technical products - they are much more than just a 'milky' film. KernowJet Opaline 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.

The special coating and glossy front face will be ideal for day performance in reflected light.

KERNOWJET®

WHY CHOOSE US?

Our innovative printing technology ensures vibrant and long-lasting graphics, making your brand stand out in any environment.

FEATURES

- *Very high colour density, intense and bright colour gamut*
- *Bright light-diffusing back-coat hides light elements*
- *Special coating for good scratch and weather-resistance, ideal solution for outdoor lightboxes and scrolling displays*
- *Fast drying coating, ideal for Solvent, Latex and UV inks*
- *Bright light-diffusing back-coat hides light elements*

UK, EU AND ROW PRODUCT LIST

| PRODUCT DESCRIPTION | WIDTH | | LENGTH | THICKNESS | | | PRODUCT CODE |
|--------------------------|-----------------------|---------------|-------------|-----------|---------|-----|--------------|
| | | | | mils | microns | gsm | |
| Opaline Frost 145 145HHF | 914mm | | 50m 100m | 5.7 | 145 µ | 200 | 145HHF |
| Opaline Frost 195 195HHF | 914mm | | 50m 100m | 7.7 | 195 µ | 262 | 195HHF |
| Opaline Gloss 201 201SGB | 914, 1067, 1270 | 1372, 1524 | 30m | 7.9 | 201 µ | 285 | 201SGB |

US PRODUCT LIST

| PRODUCT DESCRIPTION | WIDTH | LENGTH | THICKNESS | | | PRODUCT CODE |
|---------------------------|--|--------------|-----------|---------|-----|--------------|
| | | | mils | microns | gsm | |
| Opaline Frost 195 195HHF* | 36" | 164" 328" | 7.7 | 195 µ | 262 | 195HHF |
| Opaline Gloss 201 201SGB | 36" 54" 50" 60" (Available for custom orders) | 10' | 7.9 | 201 µ | 285 | 201SGB |

*Available for custom order



KERNOW COATINGS

KERNOWJET®
LATEX, SOLVENT & UV

KERNOWJET OPALINE

Light up your brand with us.



EXPAND YOUR MARKETING

"We've seen significant increase in foot traffic since incorporating KernowJet Opaline into our advertising strategy. Glowing adverts are really striking!"

Machine Compatibility Opaline Frost:

Latex: NA

(Eco)Solvent: NA

UV: ★★ ★

Machine Compatibility Opaline Gloss:

Latex: ★★ ★

(Eco)Solvent: ★★ ★

UV: ★★ ★

KernowJet Opaline

Certified for
HP Latex Inks

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KEY FEATURES

- Front print on high-gloss high-resolution coating
- Bright light-diffusing back-coat hides light elements
- Optimum day/night performance
- Superb gamut when back or front-lit
- Weather resistant for outdoor displays
- Scratch resistant for scrolling displays
- Antistatic treatment avoids attracting dust and slipping in the printer

IDEALLY SUITED FOR

- Lightboxes
- Backlit applications indoor and outdoor

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

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.