

# ImagePerfect™ 7801

## Opal Frost (FR)

**ImagePerfect™ Opal Frost is a monomeric, transparent, matt calendered vinyl with a permanent, solvent-based adhesive. It is used for decorative window installations, both cut graphics and also printed graphics.**

ImagePerfect™ Opal Frost is a transparent, matt, calendered vinyl that is suitable for use on a wide variety of clean, dry surfaces. It will be primarily used as a decorative window film to create an etched (engraved) effect on windows or glass panels in architectural enhancement and advertising/display installations in locations such as retail environments and lifestyle business environments (bars, hotels, restaurants, casinos, theatres, etc). It will also be used for glass conspicuity for personal safety in locations with high footfall, such as shopping centres and educational establishments. The specially-formulated, flexible film has consistent matt levels and it can be cut easily and weeded quickly and the high-quality, PE-coated liner further promotes excellent layflat, cutting and weeding characteristics. The permanent, solvent-based adhesive creates a strong final bond to ensure a secure and durable finish. For digital conversion, it is compatible with eco solvent, solvent, latex and UV-cured inks, to which end it will deliver high levels of print quality. Please note though that, when printed, because of the crystal effect in the film, it will not produce dark tones with as much regularity as would be the case when a “standard” monomeric film is otherwise printed. Before production, to ensure suitability, we would recommend a print test. In application, the film will absorb 14.0% of visible light / transmit 86.0% of visible light.

Attention: If printing, please make sure the printed media is completely dry before laminating. Before the media is applied, the surface should be completely cleaned. The use of IP Surface Cleaner and lint-free, IP Surface Cleaning Cloths is a good match component cleaning solution to ensure that the surface is dry and free of dust and grease.

| Specifications                |                                                                     |
|-------------------------------|---------------------------------------------------------------------|
| <b>Description</b>            | Monomeric calendered vinyl                                          |
| <b>Colour</b>                 | Transparent matt                                                    |
| <b>Thickness</b>              | 80mym                                                               |
| <b>Weight</b>                 | N/A                                                                 |
| <b>Adhesive</b>               | Solvent based acrylic, permanent                                    |
| <b>Adhesive Strength</b>      | 20N/25mm (Finat TM 1/24h)                                           |
| <b>Release Paper</b>          | PE-coated silicone paper, 140g/m <sup>2</sup>                       |
| <b>Temperature Range</b>      | -30°C to +90°C                                                      |
| <b>Durability (unprinted)</b> | 3 years                                                             |
| <b>Flame Retardancy</b>       | B-s1, d0                                                            |
| <b>Shelf Life</b>             | 2 years, 20°C / 50% humidity                                        |
| <b>End of Life / Disposal</b> | Not currently recyclable. Can be used for refuse derived fuel (RDF) |

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