

CLEAR FOCUS PerfxCoat™ Protective Coating Technical Data Sheet

PerfxCoat™ is an optically clear coating designed to protect CLEAR FOCUS window graphics produced by solvent inkjet printers. PerfxCoat consists of a polyester carrier coated with an acrylic resin-based formula. The coating transfers off the carrier on top of the printed material when passed through a hot roll laminator.

For application information, please refer to CLEAR FOCUS PerfxCoat™ Application Instructions.

| PROPERTY | VALUE | NOTES |
|----------------------|---|--|
| Carrier | Polyethylene Terephthalate (PET or PETE) | |
| Thickness of carrier | 0.6 mil (15 µm) | |
| Coating | Acrylic-based resin formula | |
| Thickness of coating | 0.2 mil (5 µm) | |
| Shelf life | 2 years | Stored at 50° - 80° F (10°-25° C), 40%-60% relative humidity |
| Durability | 3 years | Vertical exposure. With sensible use and maintenance of graphics. Repeated or excessive exposure to abrasion and chemicals will affect performance. |
| Chemical resistance | Although PerfxCoat has good resistance to many common chemicals, do not use solvent-based or other chemical cleaners on CLEAR FOCUS window graphics coated with PerfxCoat because the chemical may adversely affect the window film's adhesion. | Many full solvent, mild solvent and eco-solvent inks will come off immediately when wiped with a cloth impregnated with many common chemicals. Testing is therefore highly recommended before applying any chemical to the PerfxCoat-coated window graphics. Note: PerfxCoat is not recommended for graphics printed with aqueous or UV-cured inks. |
| Abrasion resistance | Window graphics coated with PerfxCoat can typically withstand 100 passes of an industry-standard abrasion wheel without any sign of ink removal. | Many full solvent, mild solvent and eco-solvent inks are removed with a few passes of an industry-standard abrasion wheel. Testing is therefore highly recommended to determine abrasion resistance of inks. |
| UV resistance | Some | The PerfxCoat coating will not show any noticeable signs of yellowing during the 3-year durability period. PerfxCoat-coated window graphics will typically exhibit a slower rate of fading and color change compared to unprotected graphics. |

This document is intended as a source of information, is given without guarantee, and does not constitute a warranty. Users should independently verify, prior to use, the suitability of PerfxCoat for their specific application.

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