

OneWayPro® Platinum 70/30

TECHNICAL DATA SHEET

Polymeric PVC one-way vision with a clear removable solvent-based adhesive for long-term window applications, particularly suitable for flat surfaces such as shop windows.

Specifications:

The **OneWayPro® Platinum 70/30** is a black and white colaminated film made of two welded films, one white on the front side and the other black on the rear side, coated with a removable transparent solvent-based adhesive. The film thickness is 180 microns. The perforation ratio of vinyl/perforated surface is 70/30, providing high visual impact for front-side printing while maintaining good visibility on the back side. The hole diameter is 1.5 mm. This product can be used for applications on building windows.

Liner:

Double OPP/Paper Liner: The liner is double and composed of a first 33-micron non-perforated oriented PP liner and a second 115 g/m² perforated silicone paper liner especially designed for HP Latex printers. The product can also be used on printers using solvent, eco-solvent, mild-solvent, latex and UV inks.

Uses:

The presence of solvent components in inks can soften the microperforated film and make it stretchable, which is why we recommend a drying time of approximately 24 hours prior to lamination or application. Without proper drying, solvent vapours may cause application difficulties and reduce adhesion to the substrate.

Laminating:

Once printed, the microperforated film must be laminated. Laminating protects the film from light and ageing, as well as from water, dust and pollution that could enter the holes and alter the transparency of the product.

OneWayPro® offers several solutions:

OneWayPro® PET 036 High-Tack Ultraclear lamination is recommended for flat surfaces.

OneWayPro[®] POLY 060 Ultraclear lamination is recommended for medium-duration curved surfaces.

OneWayPro[®] CAST 050 Ultraclear lamination is recommended for long-life curved surfaces.

OneWayPro[®] SEALING TAPE is recommended for increased edge protection of the microperforated film.

Before lamination, check for proper adhesion of the lamination to the inks.

Remarks:

Do not bring the product into contact with products containing solvents or ammonia. Clean the glass before application. Do not apply on polycarbonate or certain PVC substrates.

Approvals and Standards:

The material is certified M1 / B1.

Durability:

The maximum recommended duration of use is 3 years.

Clean removability on clean glass surfaces is up to 1 year at a temperature of 23–25°C. Adhesion increases over time.

Storage:

2 years – between 15 and 25°C and a humidity of 45 to 55% in the original box.

Transport:

The OneWayPro[®] film can be wound during transport, with the image facing outward, with a minimum diameter of 15 cm.

Adhesion:

Peeling force 180° (FTM 1): ≥ 5 N/25 mm

Initial Adhesion (FTM 9): ≥ 5 N/25 mm

Holding power after 24h (FTM 8)

Application temperature: 15° to 40°C

Operating temperature: -20°C to 60°C

Instructions for use:

You will find a file on our website under the tab "Tips for use" with important information for the use of our products.

Product references:

Platinum	7030	Double OPP/ Paper Liner	1.05 x 25	PLAT-OPP-73-105025
			1.05 x 50	PLAT-OPP-73-105050
			1.37 x 25	PLAT-OPP-73-137025
			1.37 x 50	PLAT-OPP-73-137050
			1.52 x 25	PLAT-OPP-73-152025
			1.52 x 50	PLAT-OPP-73-152050

Note:

The information contained in this brochure is based on laboratory tests and experience we have gained in practice. They could not provide a legal guarantee. A preliminary test on the material is to be made. Sustainability is estimated from the exposure conditions in Central Europe. The actual life of the product depends on substrate preparation, exposure conditions and maintenance of the marking. We can expect performance degradation outside when the films are exposed to the south, if they are applied in areas where the temperature is often high as countries of southern Europe, or in polluted areas.