

OneWayPro[®] Palladium Light 70/30

TECHNICAL DATA SHEET

Monomeric PVC one-way vision film with removable solvent-based adhesive, designed for short-term window applications.

Specifications:

The **OneWayPro[®] Palladium Light 70/30** is a microperforated film with a white front side and a black printed backing, coated with a removable transparent solvent-based adhesive. The film thickness is 140 microns. The perforation ratio (vinyl/open area) is 70/30, with a hole diameter of 1.5 mm. This product is suitable for applications on building windows.

Liner:

The double paper liner is composed of a first 90 g/m² non-perforated paper liner and a second 115 g/m² siliconized perforated paper liner. This liner is specially designed for solvent, eco-solvent, UV and latex printing.

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 vapors 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 aging as well as from water, dust and pollution that could get into 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 solvents or ammonia. Clean the glass before application. Do not apply on polycarbonate or certain PVC substrates.

Approvals and Standards:

Material is certified M1.

The product is certified for HP Latex 500 and 800 series. The printing profile is available on the HP server for download.

Durability:

The maximum recommended duration of use is 6 months.

Clean removability on clean glass surfaces is up to 6 months at a temperature of 23–25°C. The glue adhesion increases with time.

Storage:

1 year at 15–25°C and 45–55% relative humidity in the original box.

Transport:

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

Adhesion:

Peeling force 180° (FTM 1): 6 N/25 mm +/- 2.5 N/25 mm

Initial Adhesion (FTM9): 3N/25 mm +/- 2.5 N/25 mm

Holding power after 24h (FTM8)

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:

Palladium Light	7030	Double Paper Liner	1.05 x 25	PALLIGHT-PAP-73-105025
			1.05 x 50	PALLIGHT-PAP-73-105050
			1.37 x 25	PALLIGHT-PAP-73-137025
			1.37 x 50	PALLIGHT-PAP-73-137050
			1.52 x 25	PALLIGHT-PAP-73-152025
			1.52 x 50	PALLIGHT-PAP-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.