

OWV OneWayPro® Nickel – PVC Free

TECHNICAL DATA SHEET

Description:

PET one-way vision (PVC-free) film with a clear removable solvent-based soft adhesive for medium-term applications on windows.

Specifications:

The one-way vision OneWayPro® Nickel is a white-coated front PET film with a black printed backing, coated with a removable transparent solvent-based adhesive. The film thickness is 125 microns. The perforation ratio (printable/non-printable area) is 70/30. The hole diameter is 1.62 mm. This product is suitable for applications on flat glass surfaces only.

Liner:

The double paper liner is composed of a first 95 g/m² non-perforated PE-coated paper liner and a second 115 g/m² siliconised perforated paper liner. The double paper liner is compatible with solvent, eco-solvent, mild solvent, latex and UV inks.

Uses:

We recommend a drying time of approximately 24 hours prior to lamination or application. Without proper drying, solvent vapours may cause difficulties during lamination and application, and may affect 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® SEALING TAPE is recommended for enhanced edge protection of the microperforated film.

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

Remarks:

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

Approvals and Standards:

Material is certified M1.

Durability:

The maximum recommended duration of use is 12 months.

Clean removability on glass is up to 6 months at 23–25°C. Adhesion increases over time.

Storage:

6 months - 15 to 25 ° C and a humidity of 45 to 55% in the original packaging.

Transport:

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

Adherence:

Peeling force 180° (FTM 1): ≥ 2 N/25 mm

Initial Adhesion (FTM9): ≥ 3 N/25 mm

Holding power after 24h (FTM8)

Adherence temperature: 5° 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:

Nickel 7030	Double Paper Liner	1,37 x 25	NICK-PAP-PE-SA-73-137025
		1,37 x 50	NICK-PAP-PE-SA-73-137050

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.