

OWV OneWayPro® Nickel 70/30 – PVC Free

TECHNICAL DATA SHEET

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

Specifications:

The **OneWayPro® Nickel 70/30** is a one-way vision composed of a white-coated front PET film with a black printed backing, coated with a removable transparent solvent-based adhesive. This product features a Soft Adhesive (SA), improving ease of application and removal. 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.

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 siliconized perforated paper liner. The 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 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® 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 application. Do not apply on polycarbonate or 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 a temperature of 23–25°C. Adhesion increases over time.

Storage:

6 months – between 15 and 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.

Adhesion:

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

Initial adhesion (FTM 9): ≥ 3 N/25 mm

Holding power after 24 h (FTM 8)

Application 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 PE-Paper Liner	1.37 x 25	NICK-PAP-PE-SA-73-137025
			1.37 x 50	NICK-PAP-PE-SA-73-137050

OneWayPro[®]

HIGH QUALITY ONE WAY VISION

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.