

OneWayPro® Gold 60/40 Double Paper Liner

TECHNICAL DATA SHEET

Polymeric PVC one-way vision film with removable solvent-based adhesive, designed for vehicle and window applications with double paper liner.

Specifications:

The **OneWayPro® Gold 60/40 Double Paper Liner** is a microperforated black and white colaminated film composed of two welded films, white on one side and black on the other, coated with a removable transparent solvent-based adhesive. The film thickness is 150 microns. The perforation ratio (vinyl/open area) is 60/40, providing good visibility from the inside and making it particularly suitable for vehicle applications. The hole diameter is 1.6 mm. This product can be used on building windows as well as on vehicle windows.

Liner:

The double paper liner is composed of a first non-perforated 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:

The presence of solvent components in the inks may soften the microperforated film and make it stretchable, which is why a drying time of approximately 24 hours is recommended before lamination or application. Without sufficient drying, solvent vapours may cause application issues and reduce adhesion to the substrate.

Lamination:

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®

HIGH QUALITY ONE WAY VISION

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 the adhesion of the lamination to the inks.

Remarks:

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

Approvals and standards:

The film has *Allgemeine Bauartgenehmigung (ABG)* approval for German road traffic and Dynamic Test Center (DTC) approval for Swiss road traffic.

The certification numbers are ABG D-5668 without lamination and ABG D-5670 with OneWayPro® CAST 050 Ultraclear lamination.

The material is certified M0 outdoor / B1.

OneWayPro® Gold combined with OneWayPro® CAST 050 Ultraclear lamination has obtained classification HL3 according to NF EN 45545-2+A1:2016.

The Gold-PAP-64 is certified for HP Latex 500 and 800 series.

The printing profile is available on the HP server for download.

Durability:

The maximum recommended length of use is three years.

The durability of OneWayPro® Gold Microperforated, when laminated with OneWayPro® Cast lamination, can be up to 7 years. To achieve this, it is important to follow the product use and installation process shown in the video available on our website.

Removability of the adhesive on glass: one year at a temperature of 23–25°C. The adhesion increases over time.

Storage:

Two years – between 15 and 25°C at humidity of 45 to 55% in the original packaging.

OneWayPro®

HIGH QUALITY ONE WAY VISION

Transport:

The OneWayPro® films can be rolled up for transport, with the image facing outward, with a minimum diameter of 15 cm.

Adherence:

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

Initial adhesion (FTM 9): ≥ 5 N/25 mm

Holding power after 24 h (FTM 8)

Application temperature: 15°C to 40°C

Service 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:

Gold PAP	6040	Double Paper Liner	1.05 x 25 m	GOLD-PAP-64-105025
			1.05 x 50 m	GOLD-PAP-64-105050
			1.37 x 25 m	GOLD-PAP-64-137025
			1.37 x 50 m	GOLD-PAP-64-137050
			1.52 x 25 m	GOLD-PAP-64-152025
			1.52 x 50 m	GOLD-PAP-64-152050

Note:

The information on this technical data sheet is based on tests conducted in the laboratory and experience that we have acquired in practice. It does not provide a legal guarantee. A test must be carried out before use.

The durability is estimated in conditions of exposure in Central Europe. The actual lifespan of the product depends on the preparation of the base, the exposure conditions and the maintenance of the marking. Performance outside may be expected to deteriorate if the films are applied on south-facing surfaces or used in regions where the temperature is often high, such as in Southern European countries, or in polluted regions.