

OWV OneWayPro® Gold

TECHNICAL DATA SHEET

Description:

Polymeric PVC one-way vision, clear solvent removable glue for long term application on windows, particularly suitable for lightly curved surfaces such as vehicle windows.

Properties:

OneWayPro® Gold is a black and white colaminated film. It consists of two welded films, white on one side and black on the other, to which a removable, transparent solvent adhesive is applied. The film is 150 microns thick. The vinyl/surface perforation ratio is 60/40, enabling an impeccable contrast and rendering of the printing on the front while leaving good visibility on the back. The holes measure 1.6 mm in diameter. This product can be used for any application on building windows as well as on vehicle 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 gr/m² perforated silicone paper liner. The double paper liner is compatible with solvent, eco-solvent, mild-solvent, latex and UV inks.

Double liner Paper: The liner is double and composed of a first 90 gr/m² non-perforated paper liner and a second 115 gr/m² siliconized perforated paper liner. The double paper liner is compatible with solvent, eco-solvent, mild-solvent, latex and UV inks.

Uses:

The presence of solvent components in the inks can soften the microperforated film and make it extendible, which is why we recommend allowing a drying time of about 24 hours before laminating or fitting. Without proper drying, the solvent vapours may cause fitting problems and affect the adhesion of the film to the base.

Lamination:

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.

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 window thoroughly before application. Do not apply on polycarbonates and some PVCs.

Approvals and standards:

The film has *Allgemeine Bauartgenehmigung* (AGB) approval for German road traffic and *Dynamic Test Center* (DTC) for Switzerland road traffic. The certification numbers are ABG D-5668 without lamination and ABG D-5670 with **OWP CAST 050 Ultra Clear lamination**.

The material is certified M0 outdoor / B1.

OneWayPro® Gold combined with **OneWayPro® Gold** Lamination has obtained the classification HL3 (best result) for the norm NF EN 45545-2+A1 2016.

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 of the adhesive increases with time.

Storage:

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

Transport:

The **OneWayPro®** films can be rolled up for transport, with the picture facing outwards, subject to a minimum diameter of 15 cm.

Adherence:

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

Initial Adhesion (FTM9): >=5 N/25 mm

Holding power after 24h (FTM8)

Adherence 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:

Gold	6040	Double Paper Liner	1,05 x 25	GOLD-PAP-64-105025
			1,05 x 50	GOLD-PAP-64-105050
			1,37 x 25	GOLD-PAP-64-137025
			1,37 x 50	GOLD-PAP-64-137050
			1,52 x 25	GOLD-PAP-64-152025
			1,52 x 50	GOLD-PAP-64-152050
		Double OPP/Paper Liner	1,05 x 25	GOLD-OPP-64-105025
			1,05 x 50	GOLD-OPP-64-105050
			1,37 x 25	GOLD-OPP-64-137025
			1,37 x 50	GOLD-OPP-64-137050
			1,52 x 25	GOLD-OPP-64-152025
			1,52 x 50	GOLD-OPP-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.