



OWV OneWayPro® Rhodium Zero Degree

TECHNICAL DATA SHEET

Description:

Monomeric PVC one-way vision, special soft clear solvent removable glue for mid-term application in cold conditions on windows for printing with eco solvent, mild solvent, solvent, UV and latex inks.

Specifications:

The one-way vision **OneWayPro® Rhodium ZD** is a white front film and black printed on the back to which is applied a removable transparent solvent glue. The glue remains soft under cold temperature which helps the adhesive to quicker migrate on the substrate. The film thickness is 160 microns. The available perforating ratio of vinyl /perforated surface are 70/30 and 80/20. The hole diameter is 1.5 mm. This product can be used for any application on windows of buildings.

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 especially designed for HP Latex printers. The product can also be used on printers using solvent, eco-solvent, mild-solvent and UV inks.

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

Uses:

The presence of solvent components in inks can soften the microperforated film and make it extensible, which is why we recommend a drying time of approximately 24 hours prior to lamination or application. Without proper drying, solvent vapors may cause difficulty for the application and altering its grip on the media.

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.

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

Remarks:

Do not get in contact with products containing solvents or ammonia. Clean the glass before applying.
Do not apply polycarbonates and some PVC.

Approvals and Standards:

Material is certified M1 / B1.

Durability:

The maximum recommended duration of use is one year.

Cleanly removable glue on clean glass surface durability is one year at temperature of 23-25°C. The glue adhesion increases with time.

Storage:

One year - 15 to 25 ° C and a humidity of 45 to 55% in the original box.

Transport:

The **OneWayPro®** film can be wound during transport, image to the outside, with a minimum diameter of 15 cm.

Adherence:

Peeling force 180° (FTM 1): 4 N/25 mm +/- 2,5 N/25 mm

Initial Adhesion (FTM9): 3 N/25 mm +/- 2,5 N/25 mm

Holding power after 24h (FTM8)

Adherence temperature: 0° 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:

Rhodium ZD	7030	Double PE-coated Paper Liner	1,05 x 25	RHO-PAP-PE-ZD-73-105025
			1,05 x 50	RHO-PAP-PE-ZD-73-105050
			1,37 x 25	RHO-PAP-PE-ZD-73-137025
			1,37 x 50	RHO-PAP-PE-ZD-73-137050
			1,52 x 25	RHO-PAP-PE-ZD-73-152025
			1,52 x 50	RHO-PAP-PE-ZD-73-152050
	8020	Double OPP/Paper Liner	1,37 x 25	RHO-OPP-ZD-82-137025
			1,37 x 50	RHO-OPP-ZD-82-137050

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.