

OneWayPro[®] Crystal 70/30

TECHNICAL DATA SHEET

Transparent polymeric one-way vision with a transparent removable solvent-based adhesive for window applications, suitable for printing with eco-solvent, mild-solvent, solvent, latex and UV inks.

Specifications:

The **OneWayPro[®] Crystal 70/30** is a transparent polymeric film coated on the back with a removable transparent solvent-based adhesive. The film thickness is 180 microns. The perforation ratio of vinyl/perforated surface is 70/30. The hole diameter is 1.5 mm. This product is ideal for mirror printing with white and black UV inks to create a microperforated film for interior application, allowing visibility to the outside. This product is mainly intended for flat surfaces.

Liner:

The liner is double and composed of a first 33-micron non-perforated oriented PP liner and a second 115 g/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.

Uses:

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

Remarks:

Do not bring the product 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 / B1.

Durability:

The maximum recommended duration of use is 3 years.

OneWayPro[®]

HIGH QUALITY ONE WAY VISION

Clean removability on clean glass surfaces is one year at a temperature of 23–25°C. The adhesion increases over time.

Storage:

1 year – 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): $\geq 5 \text{ N/25 mm} \pm 1.5 \text{ N/25 mm}$

Initial adhesion (FTM 9): $2 \text{ N/25 mm} \pm 0.5 \text{ N/25 mm}$

Holding power after 24 h (FTM 8)

Application 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:

Crystal	7030	Double OPP/Paper Liner	1.37 x 25	CRY-OPP-73-137025
			1.37 x 50	CRY-OPP-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.