

OneWayPro[®] Crystal HD 60/40

TECHNICAL DATA SHEET

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

Specifications:

The **OneWayPro[®] Crystal HD 60/40** is an enhanced transparent monomeric film coated on the back with a removable transparent solvent-based adhesive. The film thickness is 180 microns. The hole diameter is 1.0 mm, providing a high-definition result for this microperforated film. The perforation ratio of vinyl/perforated surface is 60/40. This product is ideal for mirror printing with white and black UV inks to create a microperforated film for interior or exterior application, allowing visibility to the outside. This product is mainly intended for flat surfaces.

Liner:

The double paper liner is composed of a first 90 g/m² double PE-coated perforated paper liner and a second 110 g/m² non-perforated paper liner. The liner is compatible with solvent, eco-solvent, mild-solvent, latex 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. (In progress)

OneWayPro[®]

HIGH QUALITY ONE WAY VISION

Durability:

The maximum recommended duration of use is 2 years.

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): $\geq 3.5 \text{ N/25 mm} \pm 1.5 \text{ N/25 mm}$

Initial adhesion (FTM 9): $3 \text{ N/25 mm} \pm 0.5 \text{ N/25 mm}$

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 HD	6040	Double Paper Liner	1.37 x 25	CRY-PAP-PE-64-HD-137025
			1.37 x 50	CRY-PAP-PE-64-HD-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.