

## OWV OneWayPro® Platinum Universal

### TECHNICAL DATA SHEET

#### Description:

Polymeric PVC one-way vision, clear acrylic removable glue for long term application on windows, particularly suitable for flat surfaces such as shop windows, for printing with eco solvent, mild solvent, solvent, latex and UV inks.

#### Specifications:

The one-way vision **OneWayPro® Platinum Universal** is a black white colaminated film: made of two welded films, one white on the front side and the other black on the rear side on which is applied transparent polyacrylate removable glue. The film thickness is 180 microns. The liner is a double liner composed of a first non-perforated liner paper of 90 gr/m<sup>2</sup> and a second perforated silicone liner paper 115 gr / m<sup>2</sup>. This double liner allows printing with most digital UV inks, solvent and latex as well as UV and solvent screen inks. The perforation ratio of vinyl /perforated surface is 70/30, thus rendering a spotless and contrast of front-side printing, while keeping a good visibility on the back. The hole diameter is 1.5 mm. This product can be used for any application on windows of buildings, but also on vehicle windows.

#### 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 one-way vision must be laminated. The lamination protects the film from light and aging as well as water, dust and pollution that could get into the holes and alter the transparency of the product. Two laminates are recommended: for flat surfaces, laminated **PET OneWayPro® 036 Ultra Clear** and for curved surfaces the laminate **OneWayPro® CAST 050 Ultra Clear**. Before lamination, verify proper adherence of the laminate on 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:

The material is certified M1 / B1.

## Durability:

The maximum recommended duration of use is 3 years.

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

## Storage:

2 Years - between 15 and 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.

Coils 3-inch 105 cm X 50 m, 137 cm X 50 m & 152 cm X 50 m

Coils 3-inch 105 cm X 25 m, 137 cm X 25 m & 152 cm X 25 m subject to availability

## Adherence:

Peeling force 180° (FTM 1):  $\geq 5$  N/25 mm

Initial Adhesion (FTM9):  $\geq 5$  N/25 mm

Holding power after 24h (FTM8)

Adherence temperature: 15° to 40° C

Operating temperature: -20°C to 60° C

# OneWayPro®

HIGH QUALITY ONE WAY VISION

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.

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