

OneWayPro® PET 036 Ultra Clear Laminate

TECHNICAL DATA SHEET

Description:

Ultra clear polyester film 36 microns, ultra clear acrylic permanent glue, polyester liner 36 microns, and polyester backing 25 microns.

Specifications:

The **OneWayPro® PET 036 Ultra Clear Laminate** is recommended for long term protection of **OneWayPro®** one-way vision. The laminate provides protection against dust, pollution, water and UV and ensures that the holes of the one-way vision are not blocked and so it can keep its transparency. The laminate also ensures easier removal of the one-way vision (in one piece).

Very good dimensional stability.

Very good transparency.

Very good adherence.

Very good resistance to abrasion and automatic washing cycles.

Very good resistance to chemicals, solvents and certain acids and alkalis diluted.

Protects printing against graffiti.

The laminate can also be used as a protection for dry felts (erasable ink).

Uses:

When filming on impressions, ink must be completely dry and cannot contain silicone. Within 24 hours after printing is preferred. The **OneWayPro® PET 036 Ultra Clear Laminate** is compatible with screen printing and digital printing as well with solvent inks, eco-solvent, mild-solvent, latex and UV. However, with the UV ink the adherence varies from one machine to another. A test is preferable.

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Remarks:

On flat surfaces only: do not use the laminate on curved surface, even slightly. For curved surfaces, use the **OneWayPro® CAST 050 Ultra Clear Laminate**. During the lamination, ensure that the tension of the one-way vision and the laminate is identical. The application of the laminated **OneWayPro®** film cannot be done in any case with a liquid application or water.

Durability:

The maximum recommended duration of use is 3 years.

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.

Adherence:

Quick Tack on glass: 14 N / 25 mm +/- 2.5 N / 25 mm (FTM 9)

Tensile strength 180 ° glass after 20 minutes: 10 N / 25 mm +/- 2.5 N / 25 mm (FTM 1)

Tensile strength 180 ° glass after 24 hours: 12 N / 25 mm +/- 2.5 N / 25 mm (FTM 1)

Application temperature: 10 ° to 40 ° C

Operating Temperature: -20 ° C to 80 ° C

Product references:

PET 036 Ultraclear	PET LINER	1,03 x 50	PET-036-10350
		1,03 x 100	PET-036-103100
		1,35 x 50	PET-036-135050
		1,35 x 100	PET-036-135100
		1,50 x 100	PET-036-150100

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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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