

OneWayPro[®] POLY 060 Ultraclear Lamination

TECHNICAL DATA SHEET

Ultraclear 60 micron polymeric PVC film with an ultraclear permanent solvent-based adhesive and a 50 micron polyester liner.

Characteristics:

The **OneWayPro[®] POLY 060 Ultraclear Lamination** is recommended for long-term protection of OneWayPro[®] microperforated films. The lamination provides protection against dust, dirt, water and UV light and ensures that the perforations remain open, maintaining the transparency of the microperforated film. The lamination also facilitates removal of the microperforated film in one piece.

Good dimensional stability.

Very good transparency.

Very good adhesion.

Good resistance to abrasion and automatic washing cycles.

Uses:

When laminating printed films, the inks must be completely dry and must not contain silicone. A drying time of approximately 24 hours after printing is recommended. OneWayPro[®] POLY 060 Ultraclear lamination is compatible with screen and digital prints, as well as solvent, eco-solvent, mild-solvent, latex and UV inks. For UV inks, adhesion may vary depending on the printing system, therefore testing is recommended.

Notes:

When laminating, ensure that the tension of the microperforated film and the lamination are the same. The **OneWayPro[®] POLY 060 Ultraclear Lamination** must not be applied with application fluid or water under any circumstances.

Approvals and standards:

The film has the following certifications for road traffic applications:

- Germany: Allgemeine Bauartgenehmigung (ABG) – D 5760 (with PALL-PAP-64 one-way vision)

- Austria (same as Germany : ABG) (with PALL-PAP-64 one-way vision)

Durability:

The maximum recommended service life is three years.

Storage:

2 years at 15–25°C and 45–55% relative humidity in the original packaging.

Transport:

OneWayPro® films can be wound during transport, with the image facing outward, provided a minimum diameter of 15 cm is maintained.

Adhesion:

180° peel strength on glass after 20 minutes: 12 N/25 mm ± 2 N/25 mm (FTM 1)

180° peel strength on glass after 24 hours: 14 N/25 mm ± 2 N/25 mm (FTM 1)

Application temperature: 10° to 40°C

Service temperature: -20°C to 80°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:

POLY 060 UC	60 µm	PET Liner	1,35 x 50	POLY-060-135050
			1,50 x 50	POLY-060-150050

Please note:

The information in this data sheet is based on laboratory tests and practical experience. It does not constitute a legal guarantee. A test must be carried out before use.

Durability is estimated based on exposure conditions in Central Europe. The actual lifetime of the product depends on the preparation of the substrate, the exposure conditions and the maintenance of the marking. Degradation of outdoor performance can be expected when films are exposed to the south, if they are applied in areas where temperatures are often high, such as in southern European countries, or in polluted areas.