

## K75200 Series Cast Overlaminates Vinyl

### Product Description

These premium quality cast vinyl films have been designed for over lamination of KPMF films.

The 30-micron clear over laminate, available in a gloss or matt version, offers enhanced stabilisation to ensure optimum exterior durability and protection from the harmful effects of UV and other environmental contaminants.

The liner is single sided polyethylene coated which ensures excellent lay flat characteristics in a variety of environments.

### Recommended Uses

- Overlaminates vinyl

### Products Available

- K75202 Gloss Clear Cast Over laminate (30µm)
- K75203 Matt Clear Cast Over laminate (30µm)

### Face Film

30µm Cast

### Adhesive

25g/m<sup>2</sup> clear permanent solvent-based acrylic

### Release Liner

Single-sided PE

### Widths

1524mm

### Durability

7 years outdoors  
(vertical exposure, mid-Europe)

### Shelf Life

2 years  
(out of direct sunlight, between 15°C and 23°C, 30% to 70% relative humidity)

## Physical Characteristics

|   | Test Method                  | Typical Value         |
|---|------------------------------|-----------------------|
| Film Thickness  | ISO 4591:1992                | 30µm                  |
| Elongation  | ISO 527-3:2018               | >75%                  |
| Dimensional Stability (48 hours/70°C)   | FTM14/Aluminium              | < 0.4mm               |
| Gloss 60°   | ASTM D523-14:2018            | Matt <25<br>Gloss >85 |
| 20 minute 180° Peel   | FTM1/Painted Steel           | >450N/m               |
| 24 hour 180° Peel   | FTM1/Painted Steel           | >530N/m               |
| Flammability  |                              | Self-extinguishing    |
| Artificial Weathering   | Xenon Arc                    | 2000 hours            |
| Outdoor Weathering  | Vertical Exposure/Mid Europe | 7 years               |
| <b>Temperature Range</b>  |                              |                       |
| Application Temperature   |                              | Minimum +18°C         |
| Service Temperature   |                              | -40°C to +90°C        |
| <b>Resistance to various liquids after application and conditioned for 24 hours at 23°C. Results examined 1 hour after test</b> |                              |                       |
| Humidity  | 24 hours at 38°C and 100%    | No effect             |
| Water (Distilled)   | 24 hours at 32°C             | No effect             |
| Diesel Fuel   | 1 hour at 23°C               | No effect             |
| SAE Motor Oil   | 24 hours at 23°C             | No effect             |
| Antifreeze/Water (1:1)  | 24 hours at 23°C             | No effect             |

## Product Usage Guide

KPMF films should not be applied to unsound surfaces or to surfaces which may subsequently crack, peel, outgas or are of low surface energy. It is recommended that any application surface should have an energy level in excess of 40 dyne/cm. (Polyolefins should be in excess of 45 dyne/cm).

Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids etc. may eventually cause deterioration. Actual performance will depend on substrate preparation, exposure conditions and application of marking.

Although we have good control of the colour production of KPMF products at our multiple locations, as with all other manufacturer's products, customers should be aware that there may be subtle variances between samples, swatches and production materials, so therefore it is advisable to avoid using different batches of material for the same end application to avoid possible colour shifts between the batches.

For best results application should be performed in a clean dry workshop at an ambient temperature of 18°C - 24 °C

---

### Product Warranty

*Kay Premium Marking Films are produced under stringent manufacturing conditions. The information and typical values shown are based upon research believed to be reliable and are provided without guarantee and do not constitute a warranty. The values are not for use in specifications. Ink and paint systems can affect the performance of film and also the adhesive properties, as can application techniques. Users are advised to ensure that performance and reliability are not compromised by determining the suitability of each product prior to its intended use.*

*Kay Premium Marking Films are produced under careful quality control and are warranted to be fit for the purpose and free from defect in material and workmanship. Any material shown to be defective to our satisfaction at the point of sale shall be replaced free of charge. Kay Premium Marking Films Limited liability to the purchaser shall in no circumstances exceed the cost of the amount of the defective material supplied.*

*There is no guarantee made for; ease or speed of graphic removal, removal from improperly cured paint, removal from oxidized or chalked substrates, or from horizontally exposed outdoor applications. Due to the large variety of available substrate finishes, it is advisable to fully evaluate small areas particularly after printing prior to complete applications.*

*The data included on the Data sheet shows typical properties and should not be taken as a guarantee for performance.*