

**myMEDIA 5072 UV Protect Satin**

**Product Description**

myMEDIA 5072 UV Protect Satin is a high quality PVC cold laminating film with a high quality UV-filtering adhesive that provides excellent adhesion and has absolutely no silvering due to the very good viscosity! Ideal for finishing non-flexible displays. The high UV protection factor offers excellent durability of the graphics, especially where long-lasting colour consistency is required. Furthermore, this latest generation of image protection laminates has excellent performance on media printed with UV-curable inks and is REACH and RoHS compliant. myMEDIA 5072 UV Protect Satin complies with Norm DIN 4102-1 and comes with B1 certificate.

**Physical Characteristics**

|                         |  |              |
|-------------------------|--|--------------|
| Front material          | Soft PVC film  |              |
| Thickness / Weight      | 70 µm  |              |
| Colour / Finish         | Transparent, silky gloss                                   |              |
| Adhesive                | High quality acrylic adhesive with UV protectors           |              |
| Liner                   | One side silicone coated paper, white, 63 g/m <sup>2</sup> |              |
| Durability              | Up to 2 years outdoor                                      |              |
| Application temperature | >= +10°C   |              |
| Temperature range       | -40°C to +80°C   |              |
| Adhesion after 24h      | 11 N/25 mm   | AFERA 5001   |
| Dimensional stability   | < -3% (machine direction)<br>< 1,5 % (cross direction)     | Finat FTM 14 |
| Fire behaviour          | B1   | DIN 4102-1   |

**Resistance**

|          |  |           |
|----------|--|-----------|
| Chemical | 24h at 22°C and 4h in propanol<br>24h at 22°C and 48h in water | No change |
| Thermal  | 24h at 22°C and 24h at 80°C<br>24h at 22°C and 24h at -40°C    | No change |
| Moisture | 24h at 22°C and 24h at 38°C and<br>98% humidity                | No change |

**Printing Method**

|                 |   |  |
|-----------------|---|--|
| Compatible inks | Not intended for printing   |  |
| Drying          | The digital print must be ABSOLUTELY DRY prior the lamination!<br>We recommend to dry for at least 48 hours prior to further processing in unwounded condition. If this is not possible the roll should be dried loosely winded in upright position on an air permeable (grid) floor to ensure air circulation. Insufficient drying may result in curling, shrinkage and insufficient adhesion which excludes any warranty. Therefore the drying has to be checked with practical methods like Tesatest (optimal with cross section), grab test, abrasion test and/or smell test prior to further processing and application. |  |

**Processing and converting**

|                        |                |
|------------------------|----------------|
| Lamination             | Cold           |
| Laminating temperature | +15°C to +35°C |
| Laminating speed       | 0 to 2 m/min.  |

**Storage**

|                    |  |
|--------------------|--|
| Shelf life         | 2 years if stored in original packaging    |
| Storage conditions | +18°C to +25°C at 50-60% relative humidity |

### Advantages and features

- B1 flame retardant according to DIN 4102-1
- Very high UV protection
- Extends the shelf life of Dye and Pigment inks
- Very good adhesion to UV inks
- Noble satin surface
- Great laminating properties and processability
- Good resistance to moisture and ageing

### Applications

- High-quality in- and outdoor image protection
- Maps
- Signposts
- Displays
- Trade fairs & events
- Lamination of UV prints

### Important Notice

Information on physical and chemical characteristics is based upon tests, practical knowledge and experience. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Because of the variety of uses and applications, the purchasers should independently determine, prior to use, the suitability of this material to their specific use and carefully consider the suitability and performance of the product. The purchaser shall assume all risks for any use and application of the material. All specifications and technical data are subject to change without prior notice, errors and omissions expected. All warranty matters are regulated by our general terms and conditions.