

myMEDIA 5460 Ecological Protect Gloss

Product Description

myMEDIA 5460 Ecological Protect Gloss is a glossy, transparent PVC-free laminate specially developed for laminating the myMEDIA 1400 Ecological Film series. The highly transparent, permanent, clear and acrylic-based adhesive offers good viscosity and prevents silvering. Its use extends the durability of outdoor prints thanks to UV protection and stabilisation in the adhesive, which also protects against moisture, ageing, dirt and abrasion. It is suitable for use on flat substrates indoors and outdoors and complies with the EN 13501-1 standard, making it flame retardant.

Physical Characteristics

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| Front material | Clear coated PP | |
| Thickness / Weight | 65 µm | |
| Colour / Finish | Transparent, glossy | |
| Adhesive | Highly transparent, permanent, acrylic based | |
| Liner | Pergamin, 62 g/m ² | |
| Durability | Up to 4 years unprinted (vertical exposure, climate zone 1) | |
| Application temperature | >= +10°C | |
| Temperature range | -10°C to +70°C | |
| Adhesion after 24h | 12 N/25 mm | Finat FTM 1 (on stainless steel) |
| Dimensional stability | <0,1 mm shrinkage | Finat FTM 14 |
| Fire behaviour | Flame retardant | EN 13501-1 |

Storage

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| Shelf life | 2 years if stored in original packaging |
| Storage conditions | +15°C to +25°C at 50-60% relative humidity |

Printing Method

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| Compatible inks | Not recommended |
| Drying | The digital print must be ABSOLUTELY DRY prior the lamination! 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 wined 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 tesa test (optimal with cross section), grab test, abrasion test and/or smell test prior to further processing and application. |

Processing and converting

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| Recommended surfaces | Flat, dry, dust- and grease-free surfaces |
| Lamination | Cold |

Advantages and features

- Very good laminating properties and processability
- B1 flame retardant according to EN 13501
- Increase in image gloss
- Very good flatness
- Great dimensional stability
- Suitable for outdoor use up to 4 years
- Excellent price/performance ratio

Applications

- Large format indoor and outdoor applications
- Vehicle advertising (flat only)
- Company signs, information boards
- Shop decoration, shop window advertising, POS
- Trade fairs & events
- High quality labels

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.