

myMEDIA 5461 Ecological Protect Matt

Product Description

myMEDIA 5461 Ecological Protect Matt is a matt, 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, preventing 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

Front material	Clear coated PP	
Thickness / Weight	65 µm	
Colour / Finish	Transparent, matt	
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

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

Printing Method

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 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 tesa test (optimal with cross section), grab test, abrasion test and/or smell test prior to further processing and application.

Processing and converting

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

Vorteile / Besonderheiten

- 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
- 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.