

myMEDIA 5650 DoubleShield

Product Description

myMEDIA 5650 DoubleShield offers double the protection of commercially available laminates when enhanced mechanical protection is needed. Due to its 150 µm thickness, the glossy, lightly embossed PVC laminate is much more robust and can better protect underlying digital prints. This is why it is mainly used in motor sports or other vehicles. It can also be used in special areas (e.g. entrance areas, corridors, hotel areas, etc.) as a protective film, e.g. to reduce marks from bumping suitcases or cleaning equipment as well as wall damage. The product can be applied to smooth and flat surfaces indoors and outdoors. The film should not be applied wet.

Physical Characteristics

Front material	Monomeric plasticised PVC film		
Thickness / Weight	150 µm		
Colour / Finish	Transparent, glossy, slightly embossed		
Adhesive	Solvent-free polyacrylate, transparent, permanent		
Liner	One side PE-coated kraft paper, 85 g/m ²		
Durability	Up to 3 years outdoor (vertical exposure, climate zone 1)		
Application temperature	>= +5°C		
Temperature range	-30°C to +80°C		
Adhesion after 24h	20 N/25 mm		FINAT FTM 1
Dimensional stability	<0,2 mm shrinkage		FINAT FTM 14
Tensile strength	> 25 MPa (machine)	> 25 MPa (cross)	DIN EN ISO 527
Elongation	> 80 % (machine)	> 150 % (cross)	DIN EN ISO 527

Storage

Shelf life	Up to 1 year if stored in original packaging
Storage conditions	+18°C to +25°C at 50% relative humidity
Storage notice	Remove the roll from the laminator after each use and store in the original sealed packaging.

Printing Method

Compatible inks	Not recommended
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Processing and converting

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

Advantages and features

- 150 µm thick, robust laminate
- Double protection compared to commercially available laminates
- High adhesive force
- Also suitable as a protective film against damage
- Suitable for flat applications
- For indoor use
- Durable for up to 3 years in outdoor use
- Excellent price-performance ratio

Applications

- Applications with increased abrasion
- Resistant laminations
- Requirements for simple stone chip protection
- Glossy floor promotions
- Motorsports
- Quads
- Protective film in entrance areas, corridors, hotels, etc.
- Interior design

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.