ORAGUARD® 210

Laminating Film

Short description

Transparent soft PVC laminating film with effective UV protection for short-term outdoor applications.

Front material

Soft PVC Film, 0.07 mm

Liner

One-sided siliconized kraft paper, 90 g/m²

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.024 mm

Technical properties

RESISTANCE

Durability	with vertical outdoor exposure, normal Central European climate 4 Year(s)	
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Water, Weak acids, Salts and alkalis, Isopropyl alcohol, Washing suds (0.5 % household cleaner)	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.5 mm Maximum shrinkage across 0.5 mm	
Elongation at break	Minimum elongation at break along 130 % Minimum elongation at break across 150 %	DIN EN ISO 527
Tensile strength	Minimum tensile strength along 19 N/mm² Minimum tensile strength across 19 N/mm²	DIN EN ISO 527
Temperature resistance	Minimum temperature -40 °C Maximum temperature 80 °C	Short-term exposure up to 110 °C |

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ADHESIVE PROPERTIES		
Adhesive power	12 N/25 mm	after 24 h, stainless steel | FINAT TM 1, *average value

PROCESSING		
Application temperature	Minimum temperature 10 °C	

PRODUCT NOTE

Due to the diversity of prints and printing techniques, the user should test the suitability of ORAGUARD® laminating films for the specific print purpose, prior to use. Furthermore the application information published by ORAFOL must be followed.

IMPORTANT NOTES

All ORAGUARD® products are subject to careful quality control during the entire manufacturing process. It is guaranteed that the products are delivered in merchantable quality and free of manufacturing defects. The traceability of our goods in accordance with ISO 9001 is ensured by means of the roll number. The information published on ORAGUARD® products is based on research results which the company believes to be reliable, but which do not constitute a guarantee. Due to the wide variety of uses of ORAGUARD® products and the continuing development of new applications, it is the responsibility of the purchaser to carefully evaluate the suitability and performance of the product for its intended use. Furthermore, the processing instructions issued by ORAFOL must be observed. The purchaser bears all risks arising from the use of these products. All information is subject to change without notice.

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