

ORAGUARD® 255AS

Laminating Film

Short description

High-quality, durable soft PVC laminate film for indoor and outdoor flooring. Thanks to its embossed surface, it offers high slip resistance and abrasion resistance, ensuring reliable protection even under heavy use. The film is extremely durable and is particularly well-suited for use on sports floors to provide long-lasting protection against mechanical stress.

Front material

Soft PVC Film, 0.017 mm

Liner

One-sided siliconized kraft paper, 90 g/m²

Adhesive

Solvent-polyacrylate, permanent, Transparent, 0.024 mm

Technical properties

RESISTANCE

Durability	with horizontal orientation, Central European normal climate	
	2 Year(s)	with horizontal alignment, central European normal climate, without tread load, exterior
	5 Year(s)	with horizontal alignment, central European normal climate, without tread load, interior
	1 Year(s)	with horizontal alignment, central European normal climate, with tread load < 1 year (depending on degree of stress)
Shelf Life	2 Year(s)	in original packaging, at 20 °C and 50% relative humidity
Resistance to solvents and chemicals	Weak acids, Salts and alkalis, Water, Isopropyl alcohol, Washing suds (0.5 % household cleaner)	At room temperature
Maximum shrinkage	Maximum shrinkage along 0.4 mm Maximum shrinkage across 0.4 mm	

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Elongation at break	Minimum elongation at break along	DIN EN ISO 527
	130 %	
Tensile strength	Minimum elongation at break across	DIN EN ISO 527
	150 %	
Tensile strength	Minimum tensile strength along 22	DIN EN ISO 527
	N/mm ²	
Temperature resistance	Minimum tensile strength across 22	Short-term exposure up to 80 °C
	N/mm ²	
Temperature resistance	Minimum temperature -40 °C	Short-term exposure up to 80 °C
	Maximum temperature 60 °C	

ADHESIVE PROPERTIES

Adhesive power	12 N/25 mm	after 24 h, on stainless steel, average value Average value
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PROCESSING

Application temperature	Minimum temperature 10 °C
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Certificates

- 250AS 255AS Gleitreibungsbeiwert nach DIN V 18032-2.pdf [\(Download\)](#)
- DIN51130T11_ORAGUARD_255AS.pdf [\(Download\)](#)

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.