

Data Sheet art. 604300

Self-adhesive rigid PVC film for lamp shades

This self-adhesive, matt white rigid PVC-film is translucent and very stable, making it perfect for laminating textiles or films. The film can also be custom printed, by using electrostatic printing, thermal transfer printing or any standard solvent-based printing process.

Construction

Face film:	rigid white PVC	
Thickness:	~ 250 µm	
Adhesive:	acrylic pressure adhesive	Square quantity: ~ 30 g/m ²
Release liner:	siliconised LDPE-film	Square weight: ~ 63 g/m ²

Characteristics

Adhesive strength (ASTMD-903):	immediately: after 72 hours:	~ 5 N/25 mm ~ 20 N/25 mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70° C (25 x 25 cm)	not measurable
Chemical resistance:	In a preece test of 24 hours, the applied film is resistant to most petroleum-based oils, greases and aliphatic solvents, mild acids, alkaline and salts.	
Light proofness:	DIN 53 388	non-fade grade: 6-8 (wool scale)
Temperature:	application temperature: service temperature range:	min. 15 °C -30 °C up to +80 °C

Processing

Printability:	Electrostatic printing, thermal transfer printing and all solvent-based printing processes
Application:	The film is to be applied dry. The surface has to be smooth and not absorbing as well as free of dust, grease and oil.
Storage:	Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely designed 'hanging' racks.

State 7 | 2023

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.