

The transparent coloured film

This colour series is made for creative applications on signs and glass. It has brilliant colour effects when illuminated, as well as on white or reflecting backgrounds. Despite its high adhesive power after 24 hours, the film is easily removable.
The clear film is free of streaks and colour deficiencies.

By applying of one film over the other an unlimited number of colour nuances and blends can be obtained.

For any questions concerning special usage, for example with the use of translucent elastic cloth, please contact our technical advisory service:

Construction

face-film:	soft-PVC		
thickness:	~ 80 µm		
adhesive:	acrylic pressure adhesive, removable	square quantity: ~ 22 g/m²	
release liner:	silicone cardboard	square weight: ~ 140 g/m²	

Characteristics

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 7.5 N/25 mm ~ 15 N/25 mm
dimensional stability:	applied onto aluminum after 48 hours stored at 70 °C (25 x 25 cm)	max. -0.5 %
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 (Woll-Scale)
combustibility:	stuck on aluminum, the film is self-extinguishing.	
temperature:	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
minimum durability:	3-5 years outdoors, with vertical exposure, in middle-European climate.	

Processing

application:	<p>Application dry or damp. If applied damp, a possible whitening of the adhesive occurs but will fade away after a couple of days depending on the weather.</p> <p>For a damp application we recommend the transfer liquid For the application of letterings e.g.</p>
gloss:	<p>There can be matt areas on the surface of the high glossy film near the core of the roll. These may be caused by the silicon cardboard flipside, but will disappear after a short period of time and don't influence the print results.</p>
storage life:	<p>Before application the films can be stored for minimum 3 years from date of production. The film must be stored at room temperature (15-25 °C) and a relative humidity of the air of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either vertical standing or for this purpose designed 'hanging' racks.</p>

State: 09|2013

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 our products suitability for the purpose intended.

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