

# solvoprint performance backlit

## Technical Information

### ➤ General information

- selfadhesive, white, polymeric soft-PVC-film
- printable with solvent, eco solvent Inks and as well as with UV- curable inks
- cadmium-free, translucent surface, semi-matt
- coated on one side with an age-resistant and permanently elastic polyacrylic adhesive

### ➤ Areas of application

- especially design decoration of light boxes
- for applications on acrylic sheets / boards and backlit flexface
- usable for signs on flat surfaces

### ➤ Processing & Handling

- for further handling and storage recommendations please refer to the latest product catalogue or visit our homepage under [www.neschen.com](http://www.neschen.com)
- to avoid fingerprints, protective gloves are recommended to be worn while handling
- to prevent problems after processing / laminating, make sure all prints have been allowed sufficient time to thoroughly dry (dry time of 24 hours to be assured)

### ➤ Advantages / Special Features

- solvoprint performance backlit guarantees a uniform colour intensity when looked at or through
- gloss reduced surface against unwanted light reflexes

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### ➤ Technical Data

#### ➤ Carrier:

<b>Film type:</b>	soft PVC, polymer, translucent, matt, white		
<b>Thickness [µm]:</b>	80 ± 8	approx. 3,2 mil	
<b>Weight [g/m<sup>2</sup>]:</b>	110 ± 15		
<b>Breaking force [N/15mm]:</b>	lengthwise: > 21	crosswise: > 21	DIN 53455, 50mm/min
<b>Elongation at tear [%]:</b>	lengthwise: > 130	crosswise: > 150	DIN 53455, 50mm/min
<b>Tear resistance [N/mm<sup>2</sup>]:</b>	lengthwise: > 19	crosswise: > 19	DIN 53455, 50mm/min

#### ➤ Adhesive:

<b>Adhesive type:</b>	polyacrylate dispersion		
<b>pH-value:</b>	approx. 7,0		
<b>Adhesive strength [N/25 mm]:</b>	10 min: > 5,0	24h: > 10,0	AFERA 4001

#### ➤ Backing:

<b>Type:</b>	white siliconised Paper		
<b>Thickness [µm]:</b>	100 ± 5	approx. 4 mil	
<b>Weight [g/m<sup>2</sup>]:</b>	125 ± 6		
<b>Removal force [mN/cm]:</b>	15 to 50	speed 300 mm/min	

#### ➤ Others:

<b>Handling/Storage conditions:</b>	18° to 25°C / 64° to 77° F; 40 to 65% relative humidity		
<b>Shelf life [Years]:</b>	4		
<b>Temperature stability:</b>	-30 to +50°C	-22 to +122°F	affixed to aluminium

All tests were performed in accordance with 23/50-2, DIN 50014.