

# filmolux<sup>®</sup> libre

## Technical Information

### ➤ General Information

- selfadhesive, crystal-clear, UV-protected PP-film
- glossy surface
- washable & resistant to a large number of detergents and solvents
- coated on one side with a solvent-free, age-resistant and permanently elastic acrylate adhesive

### ➤ Areas of Application

- Surface protection for book covers, brochures, drawings, prints, maps etc.
- ideal protection for (barcode-)labels

### ➤ Processing & Handling

- please refer to the general processing instructions in our current catalogue for Libraries, Archives and Picture Framers and on our homepage [www.neschen.de](http://www.neschen.de)

### ➤ Advantages / Special Features

- protective film without PVC and without phthalate-plasticizer
- high adhesive strength
- suitable for almost all kinds of book covers
- ideal protection for (barcode-)labels, as due to the plasticizer-free foil, the ink won't bleed
- short termed outdoor application is allowed

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### ➤ Technical Data

#### ➤ Carrier

<b>Film type:</b>	PP-film		
<b>Thickness [µm]:</b>	80 ± 5   approx. 3 mil		
<b>Weight [g/m<sup>2</sup>]:</b>	65 ± 5		
<b>Breaking Force [N/15mm]:</b>	lengthwise: > 30	crosswise: > 20	DIN EN ISO 527-3, 50mm/min
<b>Elongation at Tear [%]:</b>	lengthwise: > 500	crosswise: > 600	DIN EN ISO 527-3, 50mm/min
<b>Tear Resistance [N/mm<sup>2</sup>]:</b>	lengthwise: > 25	crosswise: > 20	DIN EN ISO 527-3, 50mm/min

#### ➤ Adhesive:

<b>Adhesive Type:</b>	Polyacrylate Dispersion		
<b>pH-value:</b>	approx. 7		
<b>Adhesive Strength[N/25 mm]:</b>	10 min: > 5,0	24h: > 10,0	AFERA 4001

#### ➤ Masking:

<b>Type:</b>	white, one-sided siliconised Paper		
<b>Thickness [µm]::</b>	54 ± 6	approx. 2 mil	
<b>Weight [g/m<sup>2</sup>]:</b>	65 ± 6		
<b>Removal Force [mN/cm]</b>	20 ± 15	speed 300 mm/min	

#### ➤ Others:

<b>Handling/Storage Conditions:</b>	18° to 25°C / 60° to 80° F; 40 to 65% relative humidity		
<b>Shelf Life [Years]:</b>	3		
<b>Temperature Stability:</b>	-30 to +50°C	-20 to +120°F	affixed to aluminium

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