

filmolux[®] soft

Technical Information

➤ **General information**

- selfadhesive, cadmiumfree, transparent, glossy, UV-stabilized and plasticized-PVC-film
- 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 books and brochures

➤ **Processing & Handling**

- for initiative as well as professional tips on the application please refer to our current Neschen Product-Catalogue for Libraries, Archives and Picture Framers
- short termed exposure to temperatures > 70°C and longer termed exposure to > 40°C will lead to discolouration of the film

➤ **Advantages / Special Features**

- reduced initial adhesion
- may be corrected on most substrates while applied
- masking consists of recyclable PE, with a grid net printed on it
- a dividing cut provides easy removal process

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➤ Technical Data

➤ Carrier

Film type:	monomer plasticised, clear, glossy PVC		
Thickness [µm]:	70 ± 7	approx. 3 mil	
Weight [g/m²]:	90 ± 4		
Breaking Force [N/15mm]:	lengthwise: 39 ± 6	crosswise: 28 ± 5	DIN 53112, 50mm/min
Elongation at Tear [%]:	lengthwise: 210 ± 35	crosswise: 250 ± 50	DIN 53112, 50mm/min
Tear Resistance [N/mm²]:	lengthwise: 37 ± 5	crosswise: 26 ± 4	DIN 53112, 50mm/min

➤ Adhesive:

Adhesive Type:	Polyacrylate Dispersion		
pH-value:	approx. 7		
Weight [g/m²]:	12 ± 3		
Adhesive Strength[N/25 mm]:	10 min: 1,3 ± 0,8	24h: 2,8 ± 1,8	AFERA 4001

➤ Masking:

Type:	embossed LDPE		
Thickness [µm]::	110 ± 12	approx. 4 mil	
Weight [g/m²]:	66 ± 5		
Removal Force [mN/cm]	20 - 60		speed 300 mm/min

➤ Others:

Handling/Storage Conditions:	18° to 25°C / 60° to 80° F; 40 to 65% relative humidity		
Shelf Life [Years]:	1		
Temperature Stability:	-30 to +40°C	-22 to +104°F	affixed to aluminium

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