

filmolux[®] 610

technical Information

➤ **General information**

- self-adhesive, cadmiumfree, transparent, glossy, plasticized-PVC-film, UV-stabilized
- 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 labels
- also very good applicable on rougher surfaces

➤ **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 > 50°C will lead to discolouration of the film

➤ **Advantages / Special Features**

- high adhesive force
- very good adhesion to critical book covers
- fast adhesion at the medium
- high UV-protection

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➤ Technical Data

➤ Carrier

Film type:	monomer plasticised, clear, glossy PVC		
Thickness [µm]:	70 ± 5	approx. 3 mil	
Weight [g/m²]:	90 ± 5		
Breaking force [N/15mm]:	lengthwise: > 30	crosswise: > 25	DIN EN ISO 527-3, 50mm/min
Elongation at tear [%]:	lengthwise: >150	crosswise: > 200	DIN EN ISO 527-3, 50mm/min

➤ Adhesive:

Adhesive type:	waterbased Polyacrylate dispersion		
pH-value:	approx. 7.0		
Adhesive strength [N/25 mm]:	10 min: > 10,5	24h: > 17,0	AFERA 4001

➤ Masking:

Type:	one-sided white, siliconised paper, printed		
Thickness [µm]:	54 ± 6	approx. 2 mil	
Weight [g/m²]:	65 ± 6		
Removal force [mN/cm]:	12 - 45	speed 300 mm/min	

➤ Others:

Handling/storage conditions:	18° to 25°C / 60° to 80° F; 40 to 65% relative humidity		
Shelf life [Years]:	3		
Temperature stability:	-30 to +50°C	-20 to +120°F	affixed to aluminium
Humid climate stability: [change/no change]	no change	2 weeks affixed to aluminium at 40°C/ 104° F and 95% relative humidity	

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