

filmomatt® libre

Technical Information

➤ General information

- Self-adhesive, cadmium-free, matt, diffuse reflecting, clear and environmentally friendly cast polypropylene film. Washable and resistant to a large number of detergents and solvents. Coated on one side with a solvent-free, age-resistant and permanently elastic acrylate adhesive. The printability of filmomatt® libre is to be tested for each application.

➤ Processing & Handling

- PVC-free protection and enhancement of book covers. Excellent for protection of bar code labels, as the plasticiser-free film prevents bleeding of the colours.
- please refer to the general application tips in our current catalogue and on our homepage www.neschen.de

➤ Technical Data

➤ Carrier:

Film type:	PP- film, matt		
Thickness [µm]:	80 ± 5 l approx. 3 mil		
Weight [g/m²]:	67 ± 5		
Breaking Force [N/15mm]:	lengthwise:> 25	crosswise:> 20	DIN EN ISO 527-3, 50mm/min
Elongation at Tear [%]:	lengthwise:> 600	crosswise:> 650	DIN EN ISO 527-3 50mm/min
Tear Resistance [N/mm²]:	lengthwise:> 20	crosswise:> 15	DIN EN ISO 527-3, 50mm/min

➤ Adhesive:

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

➤ Masking:

Type:	white siliconised Paper		
Thickness [µm]::	54 ± 6	approx. 2 mil	
Weight [g/m²]:	65 ± 6		
Removal Force [mN/cm]	7 - 25		speed 300 mm/min

➤ Others:

Handling/Storage Conditions:	18° to 25 °C / 60° to 80° F; 40 to 65% relative humidity		
Shelf Life [Years]:	4		
Temperature Stability:	-30 to +50 °C	-20 to +122 °F	affixed to aluminium

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