

filmoplast[®] SH

Technical Information

➤ **General information**

- selfadhesive, white, fine-threaded and stiffened Tissue from rayon staple fibres
- coated on one side with a solvent-free, age-resistant and permanently elastic acrylate adhesive

➤ **Areas of application**

- reinforcing of book-spines
- folding and strengthening books and brochures
- as shirting for inserting and adding quires

➤ **Processing & Handling**

- for initiative as well as professional tips on the application please refer to the current Neschen Catalogue „Products for Libraries, Archives and picture framers“ and on our homepage www.neschen.de

➤ **Advantages / Special Features**

- acid-free
- very tear-resistant
- environment protective
- biologically degradable

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➤ Technical Data

➤ Carrier

Film type:	weave white with synthetic resin		
Thickness [µm]:	170 ± 30	approx. 7 mil	
Weight [g/m²]:	140 ± 10		
Breaking Force [N/15mm]:	lengthwise:> 110	crosswise:> 80	DIN 53455, 50mm/min
Elongation at Tear [%]:	lengthwise:> 7,5	crosswise:> 15,0	DIN 53455, 50mm/min
Tear Resistance [N/mm²]:	lengthwise:> 40	crosswise:> 30	DIN 53455, 50mm/min

➤ Adhesive:

Adhesive Type:	polyacrylate dispersion		
pH-value:	approx. 7		
Weight [g/m²]:	40 ± 5		
Adhesive Strength[N/25 mm]:	10 min. > 4,5	24h: > 7,5	AFERA 4001

➤ Masking:

Type:	white siliconised paper		
Thickness [µm]:	54 ± 6	approx. 2 mil	
Weight [g/m²]:	65 ± 6		
Removal Force [mN/cm]	25 ± 10		speed 300 mm/min

➤ Others:

Handling/Storage Conditions:	18° to 25°C / 60° to 80° F; 40 to 65% relative humidity		
Shelf Life [Years]:	2		
Temperature Stability:	-30 to +40°C	-20 to +104°F	affixed to aluminium

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