

# filmoplast<sup>®</sup> P

## Technical Information

### ➤ General information

- selfadhesive, wood-free, ultrathin and transparent special paper
- especially developed for the use in libraries and archives
- coated on one side with a solvent-free, age-resistant and permanently elastic acrylate adhesive

### ➤ Areas of application

- restoration, protection and joining of documents and papers
- repositioning of pages
- repairs to torn edges
- affixing to the mount

### ➤ 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](http://www.neschen.de)

### ➤ Advantages / Special Features

- certified anti-aging-properties! Tested in 1999 by the Papiertechnische Stiftung (“Foundation for Paper Technology”), Munich, (PBA-No. 21.495/1).
- slightly alkaline in a range without negative effect on documents, but with sufficient buffering-capacity at the same time, preventing from possible acid damage
- the 20 g/sqm special purpose paper is ideally tuned to the best compromise between stability and durability on the one hand and smoothness and transparency on the other hand
- easy and secure handling due to masking of the adhesive by siliconised paper
- high transparency
- disposable via normal or paper waste
- further information or references will be given on demand
- also available in the practical dispenser box

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### ➤ Technical Data

#### ➤ Carrier

<b>Film type:</b>	special paper		
<b>Thickness [µm]:</b>	23 ± 3	approx. 1 mil	
<b>Weight [g/m<sup>2</sup>]:</b>	20 ± 2		
<b>Breaking Force [N/15mm]:</b>	lengthwise: 27 ± 3	DIN 53455, 50mm/min	
<b>Elongation at Tear [%]:</b>	lengthwise: 1,8 ± 4	DIN 53455, 50mm/min	
<b>Tear Resistance [N/mm<sup>2</sup>]:</b>	lengthwise: 78 ± 8	DIN 53455, 50mm/min	

#### ➤ Adhesive:

<b>Adhesive Type:</b>	polyacrylate dispersion		
<b>pH-value:</b>	approx. 8,5		
<b>Weight [g/m<sup>2</sup>]:</b>	20 ± 2		
<b>Adhesive Strength [N/25 mm]:</b>	10 min. > 5,0	24h: paper break	AFERA 4001

#### ➤ Masking:

<b>Type:</b>	white 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 - 45		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>	4		
<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.