

# filmoplast P 90<sup>®</sup>

## Technical Information

### ➤ General Information

- selfadhesive, wood-free, white and relatively tear-resistant special purpose paper
- 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“

### ➤ Advantages / Special Features

- Certified anti-aging-properties! Tested (by the Papiertechnische Stiftung (“Foundation for Paper Technology”), Munich, (PBA-No. 21.495/2)
- 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 40 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
- Tuning and dynamics of the adhesive forces development allows immediate correction during application, on the other hand it ensures sufficient adhesive forces after their evolution
- 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>	white special purpose paper		
<b>Thickness [µm]:</b>	76 ± 8	approx. 3 mil	
<b>Weight [g/m<sup>2</sup>]:</b>	40 ± 2		
<b>Breaking Force [N/15mm]:</b>	lengthwise: 41 ± 5	DIN 53455, 50mm/min	
<b>Elongation at Tear [%]:</b>	lengthwise: 2,0 ± 0,7	DIN 53455, 50mm/min	
<b>Tear Resistance [N/mm<sup>2</sup>]:</b>	lengthwise: 33 ± 4	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>	35 ± 3		
<b>Adhesive Strength[N/25 mm]:</b>	10 min: > 4,3	24h: n.a.	AFERA 4001

#### ➤ Masking:

<b>Type:</b>	white paper, siliconised on one side		
<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>	15 ± 10	speed 300 mm/min	

#### ➤ Others:

<b>Handling/Storage Conditions:</b>	18° to 25°C / 60° to 80° F; 40-65% relative humidity		
<b>Shelf Life [Years]:</b>	4		
<b>Temperature Stability:</b>	-30 - +50°C	-20 - +120°F	affixed to aluminium
<b>pH-Evolution in the Product [referring to PTS-Method]</b>	fresh product: pH 8,5	aged product: pH 7,8	
<b>Humid Climate Stability:</b>	the defined purpose of this product excludes its application in extremely humid surroundings		

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