

filmoplast P 90[®]

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“ and on our homepage www.neschen.de

➤ **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
- lifespan–group 6-70 according DIN 6738, which means a lifespan of min. 100 years

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➤ Technical Data

➤ Carrier:

Film type:	white special purpose paper		
Thickness [µm]:	76 ± 8	approx. 3 mil	
Weight [g/m²]:	40 ± 2		
Breaking Force [N/15mm]:	lengthwise: 41 ± 5	DIN 53455, 50mm/min	
Elongation at Tear [%]:	lengthwise: 2,0 ± 0,7	DIN 53455, 50mm/min	
Tear Resistance [N/mm²]:	lengthwise: 33 ± 4	DIN 53455, 50mm/min	

➤ Adhesive:

Adhesive Type:	Polyacrylate Dispersion		
PH-value:	approx. 8,5		
Weight [g/m²]:	22 ± 2,5		
Adhesive Strength[N/25 mm]:	10 min: > 4,3	24h: paper break	AFERA 4001

➤ Backing:

Type:	white paper, siliconised on one side		
Thickness [µm]:	54 ± 6	approx. 2 mil	
Weight [g/m²]:	65 ± 6		
Removal Force [mN/cm]:	15 ± 10	speed 300 mm/min	

➤ Others:

Handling/Storage Conditions:	18° to 25°C / 60° to 80° F; 40-65% relative humidity		
Shelf Life [Years]:	4		
Temperature Stability:	-20 - +50°C	-4 - +120°F	affixed to aluminium
pH-Evolution in the Product: [referring to PTS-Method]	fresh product: pH 8,5	aged product: pH 7,8	
Humid Climate Stability:	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.