

filmoplast[®] 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“

➤ 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

filmoplast[®] P

Technical Information

➤ Technical Data

➤ Carrier

Film type:	high transparent special paper		
Thickness [µm]:	23 ± 3	approx. 1 mil	
Weight [g/m²]:	20 ± 2		
Breaking Force [N/15mm]:	lengthwise: 27 ± 3	DIN 53455, 50mm/min	
Elongation at Tear [%]:	lengthwise: 1,8 ± 0,4	DIN 53455, 50mm/min	
Tear Resistance [N/mm²]:	lengthwise: 78 ± 8	DIN 53455, 50mm/min	

➤ Adhesive:

Adhesive Type:	Polyacrylate Dispersion		
PH-value:	approx. 8,5		
Weight [g/m²]:	25 ± 3		
Adhesive Strength[N/25 mm]:	10 min: 5,3 ± 1,5	24h: n.a.	AFERA 4001

➤ Masking:

Type:	white paper, siliconised on one side		
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; 40-65% relative humidity		
Shelf Life [Years]:	4		
Temperature Stability:	-30 - +50°C	-20 - +120°F	affixed to aluminium
pH-Evolution in the Product: [referring to PTS Aging Method]	fresh product: pH 8,2	aged product: pH 7,6	
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.