

solvoprint performance 80

Technical Information

➤ **General information**

- one-side self-adhesive, white, cadmium-free 80 µm polymeric PVC-film
- coated on one side with a solvent-free, age-resistant and permanently elastic acrylate adhesive
- glossy surface, printable with solvent based and UV-curable inks
- easy neutralising of adhesive
- no chemical reaction between solvent inks and acrylate adhesive

➤ **Areas of application**

- suitable as protection and printable film
- suitable for in- and outdoor applications
- outdoor durability (unprinted) up to 7 years – depending on application area and purpose
- can be affixed to a wide range on undergrounds, traditionally suitable for adhesion (at most of boards customary in the trade)
- specially suitable for vehicle advertising

➤ **Processing & Handling**

- a sufficient drying (min. 24 hours) has to be ensured before application of protective films
- recommended protection film: filmolux® performance clear 80
- please refer to the general application tips in our current catalogue and on our homepage www.neschen.com

➤ **Advantages / Special Features**

- universal medium (wider printer- and ink spectrum)
- unproblematic adhesion on smooth and domed surfaces

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➤ Technical Data

➤ Carrier:

Film type:	plasticized PVC-film, polymer, white, glossy		
Thickness [µm]:	78 ± 8	I approx. 3 mil	
Weight [g/m²]:	110 ± 10		
Breaking force [N/15mm]:	lengthwise:> 25	crosswise:> 25	DIN EN ISO 527-3, 50mm/min
Elongation at tear [%]:	lengthwise:> 115	crosswise:> 270	DIN EN ISO 527-3, 50mm/min
Tear resistance [N/mm²]:	lengthwise:> 20	crosswise:> 20	DIN EN ISO 527-3, 50mm/min

➤ Adhesive:

Adhesive type:	waterbased polyacrylatic dispersion			
PH-value:	approx. 7.0			
Adhesive strength [N/25 mm]:	immediatly.: > 5.5	10 min: > 7.0	24h: > 13.0	AFERA 4001

➤ Backing:

Type:	double-sided PE laminated strong paper, neutral, one-sided siliconised	
Thickness [µm]:	163 ± 7	approx. 6.4 mil
Weight [g/m²]:	145 ± 7	
Removal force [mN/cm]:	20-50	speed 300 mm/min

➤ Others:

Handling/Storage conditions:	18° to 25°C / 60° to 80° F; 40 to 65% relative humidity	
Shelf life [Years]:	3	
Temperature stability:	-30° to +60°C / -20° to +140° F	affixed to aluminium

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