

solvoprint performance 60

Technical Information

➤ General information

- one-side self-adhesive, white, cadmium-free 60 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 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 60
- 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]:	60 ± 5 approx. 2,4 mil		
Weight [g/m²]:	85 ± 12		
Breaking force [N/15mm]:	lengthwise:> 16	crosswise:> 16	DIN 53455, 50mm/min
Elongation at tear [%]:	lengthwise:> 130	crosswise:> 150	DIN 53455, 50mm/min
Tear resistance [N/mm²]:	lengthwise:> 19	crosswise:> 19	DIN 53455, 50mm/min

➤ Adhesive:

Adhesive type:	waterbased polyacrylatic dispersion			
PH-value:	approx. 7.0			
Adhesive strength [N/25 mm]:	immediately: > 5.5	10 min: > 7.0	24h: > 11.0	AFERA 4001

➤ Backing:

Type:	one-side with PE laminated strong paper, silicone-treated		
Thickness [µm]:	130 ± 5 approx. 5 mil		
Weight [g/m²]:	120 ± 5		
Removal force [mN/cm]:	10 to 35		speed 300 mm/min

➤ Others:

Handling/Storage conditions:	18° to 25°C / 60° to 80° F; 40 to 65% relative humidity	
Shelf life [Years]:	4	
Temperature stability:	-30°C to +60°C / -20° to +140° F	affixed to aluminium

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