

solvoprint performance 80 nolite

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 eco-solvent, 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: solvoprint performance clear 80
- applying by assistance of water is not recommended
- 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
- even strong coloured backgrounds will not shine through
- good image quality

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➤ Technical Data

➤ Carrier:

Film type:	plasticized PVC-film, polymer, white, glossy		
Thickness [µm]:	78 ± 8	approx. 3 mil	
Weight [g/m²]:	110 ± 10		
Breaking force [N/15mm]:	lengthwise: > 25	crosswise: > 25	DIN 53455, 50mm/min
Elongation at tear [%]:	lengthwise: > 115	crosswise: > 270	DIN 53455, 50mm/min
Tear resistance [N/mm²]:	lengthwise: > 20	crosswise: > 20	DIN 53455, 50mm/min

➤ Adhesive:

Adhesive Type:	waterbased polyacrylatic dispersion gray		
pH-value:	approx. 7,0		
Adhesive strength [N/25 mm]:	10 min: > 6,5	24h: > 13,8	AFERA 4001

➤ Backing:

Type:	one-side silicone-treated white PE paper, neutral		
Thickness [µm]:	128 ± 4	approx. 5 mil	
Weight [g/m²]:	120 ± 4		
Removal force [mN/cm]:	10 to 30	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 +50°C	-20 to +120°F	affixed to aluminium

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