

solvoprint performance clear 80 matt

Technical Information

➤ General information

- one-side self-adhesive, transparent, cadmium-free 80 µm polymeric PVC-film
- coated on one side with a solvent-free, age-resistant and permanently elastic acrylate adhesive
- matt 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
- universal protective film for a wide spectrum of analogue and digital printed images
- specially suitable for vehicle advertising

➤ Processing & Handling

- a sufficient drying (min. 24 hours) has to be ensured before application of protective films
- recommended print film: filmolux® performance print 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, transparent, matt		
Thickness [µm]:	75 ± 5	I approx. 3 mil	
Weight [g/m²]:	85 ± 8		
Gloss grade [scale units]:	10 - 20	Dr. Lange-reflectometre 85° measuring angle	
Breaking force [N/15mm]:	lengthwise:> 18	crosswise:> 18	DIN 53455, 50mm/min
Elongation at tear [%]:	lengthwise:> 140	crosswise:> 140	DIN 53455, 50mm/min
Tear resistance [N/mm²]:	lengthwise:> 20	crosswise:> 17	DIN 53455, 50mm/min

➤ Adhesive:

Adhesive type:	waterbased polyacrylatic dispersion			
PH-value:	approx. 7.0			
Adhesive strength [N/25 mm]:	immediately: >	10 min: > 6.5	24h: > 13.8	AFERA 4001

➤ Backing:

Type:	one side silicone-treated paper		
Thickness [µm]:	54 ± 6	I approx. 2 mil	
Weight [g/m²]:	65 ± 6		
Removal force [mN/cm]:	10 to 40	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°C to +60°C / -20° to +140° F	affixed to aluminium	

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