

solvoprint performance airglide 80

Technical Information

➤ General Information

- one-side selfadhesive, white, cadmiumfree 80 µm polymeric PVC - film
- coated on one side with a solvent-free, age-resistant and permanently elastic, grey pigmented acrylate adhesive
- “micro-channels” in adhesive coating by embossed release liner
- glossy surface, printable with eco solvent, - solvent - and UV-curable inks
- no chemical reaction between solvent inks and acrylate adhesive
- not recommended for full vehicle wraps and intricate compound curves

➤ Areas of Application

- suitable for in – and outdoor applications
- outdoor durability (unprinted) up to 7 years – depending on application area and purpose
- can be applied to a wide range of substrates, traditionally suitable for adhesion (at most of merchantable boards)
- specially suitable for vehicle advertising and general signage applications on flat and slightly curved surfaces

➤ 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

- excellent colour reproduction and photorealistic print quality
- multi-purpose print media (wide printer-and ink spectrum)
- unproblematic adhesion on smooth and slightly curved surfaces
- easy and bubble free positioning possible by “micro channels” in adhesive
- the dark pigmented adhesive also exhibits excellent hiding characteristics
- for more information see the latest Neschen compatibility list (at www.neschen.de)

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➤ Technical Data

➤ Carrier

Film type:	polymer, plasticised, white, glossy PVC		
Thickness [µm]:	80 ± 5	approx. 2 mil	
Weight [g/m²]:	85 ± 5		
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:	polyacrylate dispersion, grey			
pH-value:	approx. 7			
Adhesive strength [N/25 mm]:	at once: > 4,0	10 min: 6,5	24h: 12	AFERA 4001

➤ Masking:

Type:	white siliconised PE paper, coined		
Thickness [µm]:	200 ± 6	approx. 8 mil	
Weight [g/m²]:	166 ± 6		
Removal force [mN/cm]	35 - 20	speed 300 mm/min	

➤ Others:

Handling/Storage conditions:	18° to 25°C / 60° to 80° F; 40 to 65% relative humidity
Shelf life [Years]:	not specified

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