

solvoprint easy dot 100 PE glossy

Technical Information

➤ General Information

- one- sided selfadhesive, white, cadmiumfree 100 µm monomeric PVC- film
- coated on one side with a solvent-free, age-resistant and permanently elastic acrylate adhesive
- the “dot-shaped” adhesive coat makes the material easier to handle and to reposition
- new PE release liner providing excellent flatness
- glossy surface, printable with eco solvent, - solvent - and UV-curable inks (low light colours recommended)
- no chemical reaction between solvent inks and acrylate adhesive
- a slight surface texture is due to the dot shaped adhesive

➤ Areas of Application

- designed for short term indoor applications like Trade Shows, Seasonal Sales etc.
- durability (unprinted) up to 2 years- depending on application area and purpose
- can be applied to a wide range of substrates, traditionally suitable for adhesion
- car wrapping is not recommended

➤ Processing & Handling

- printing profiles with low amounts of light colours are recommended to reach the best printing performance
- as with all monomeric films a certain shrinkage can appear - depending on the application and inks used
- easy to remove from nearly all substrates
- removing from PVC substrates can be more difficult
- dry gluing without laminating is recommended

➤ Advantages / Special Features

- excellent colour reproduction and photorealistic print quality
- very good flatness and printability
- multi-purpose print media (wide printer- and ink spectrum)
- “dot-shaped” adhesive coating allows easy and bubble free positioning
- high flexibility and distensibility
- for more information see the latest Neschen compatibility list at www.neschen.de

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➤ Technical Data

➤ Carrier

Film type:	monomer plasticised, white, glossy PVC		
Thickness [µm]:	100 ± 10		approx.: 4 mil
Weight [g/m ²]:	135 ± 5		
Breaking Force [N/15mm]:	lengthwise: > 50	crosswise: > 40	DIN EN ISO 527 50 mm/min
Elongation at Tear [%]:	lengthwise: >150	crosswise: > 200	DIN EN ISO 527 50 mm/min
Tear Resistance [N/mm ²]:	lengthwise: > 30	crosswise: > 20	DIN EN ISO 527 50 mm/min
Gloss [graduations]:	> 50	Dr. Lange reflectometer, 20° measuring angle	

➤ Adhesive:

Adhesive Type:	polyacrylate dispersion, dots		
pH-value:	approx. 7		
Adhesive Strength[N/25 mm]:	10 min: > 1,0	24h: > 1,5	AFERA 4001

➤ Masking:

Type:	one- sided siliconised white PE paper, neutral		
Thickness [µm]:	160 ± 10	approx. 6.3 mil	
Weight [g/m²]:	140 ± 7		
Removal Force [mN/cm]	30-110	speed 300 mm/min	

➤ Others:

Handling/Storage Conditions:	18° to 25°C / 60° to 80° F; 40 to 65% relative humidity		
Shelf Life [Years]:	2		
Temperature Stability:	-30°C - +50°C	-22° F to +122° F	affixed to aluminium

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