

solvoprint easy dot 100 PE matt

Technical Information

➤ General Information

- one-side 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 make the material easier to handle and to reposition
- new PE release liner providing excellent flatness
- matt 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
- from nearly all substrates easy to remove
- 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, matt PVC		
Thickness [µm]:	100 ± 10	approx.: 4 mil	
Weight [g/m²]:	135 ± 5		
Breaking Force [N/15mm]:	lengthwise: > 50	crosswise: > 40	DIN 53455, 50mm/min
Elongation at Tear [%]:	lengthwise: >150	crosswise: > 200	DIN 53455, 50mm/min
Tear Resistance [N/mm²]:	lengthwise: > 60	crosswise: > 50	DIN 53455, 50mm/min
Gloss [graduations]:	> 50	Dr. Lange reflectometer, 20° measuring angle	

➤ Adhesive:

Adhesive Type:	polyacrylate dispersion, dots		
pH-value:	approx. 7		
Weight [g/m²]:	13 ± 1		
Adhesive Strength[N/25 mm]:	10 min: > 1,0	24h: > 1,5	AFERA 4001

➤ Masking:

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]	20 - 70		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.