

Easy Dot Matt White

General Information

- 100 µm monomeric PVC-film
- one-sided self-adhesive, white and cadmium-free
- coated with a solvent-free, age-resistant and permanent elastic acrylate adhesive
- the "dot-shaped" adhesive coat makes the material easier to handle and to reposition
- new PE release liner providing excellent flatness
- matt surface
- no chemical reactions between solvent-based inks and acrylate adhesive
- slight surface texture due to the dot shaped adhesive

Areas of Application

- suitable for (Eco) Solvent-, Latex- and UV-curable inks (low light colours recommended)
- designed for short term indoor applications like Trade Shows, Seasonal Sales etc.
- durability (unprinted) up to 2 years- depending on application area and purpose
- for application on a wide range of substrates (on most of the commercially available panels etc.)
- can be applied on smooth and slightly curved surfaces
- Please note that due to the multiple areas of application of this material (combined with various films, sheets of PVC or other application substrates) physically- determined dimensional fluctuation might occur that can possibly be triggered by fluctuations in temperature during processing and/or during actual application. For this reason, all specifications in our technical information are meant as references, and explicitly not intended as a basis for warranty or guarantee. Because it is impossible to test every possible print -application combination, we recommend customers conduct their own tests to see if the material is qualified for the actual end-use.

Processing & Handling

- printing profiles with low amounts of light colours are recommended to reach the best printing performance
- easy to remove from nearly all substrates
- mounted on PVC-surfaces, it can remain residue of adhesive when removing
- The removing of the film from heated surfaces (eg. shop windows, steel surfaces, etc.) is not recommended, otherwise the adhesive may completely stay on the surface. In such cases we recommend that the material and the surface is cooling down before removing.
- to avoid problems in processing/lamination ensure adequate drying before lamination - drying time of min. 24 hours is recommended
- storage is best to be done in the original case
- surfaces must be properly prepared and free of contamination
- **applying by assistance of water is not recommended**
- stretching should be minimized as much as possible to prevent excessive shrinking
- shrinking of the edges on monomeric vinyls may occur during storage time
- ALWAYS the rolls store together with the label respectively batch number! Without batch number or production number, no requests or claims can be accepted!
- you can find all of available product information and certifications at our homepage:
<http://www.neschen.de/graphics-en/print-media/>

Advantages / Special Features

- very good print quality
- "dot-shaped" adhesive coating allows easy and bubble free positioning
- fire protection*: B1 test certificate according DIN 4102-1
M1 test certificate according NFP 92
*all relevant fire-tests are generally performed with unprinted material

solvoprint easy dot 100 clear

Technische Daten / Technical Data

Träger / Carrier

Trägermaterial / Film type	Weich PVC-Folie, monomer, weiß, matt Soft PVC-film, monomeric, white, matt		
Dicke [µm] / Thickness [µm]	100 ± 10	approx.: 3.9 mil	
Flächengewicht [g/m²] / Weight [g/m²]	135 ± 5		
Bruchwiderstand / Breaking force [N/15mm]	längs / lengthwise: > 50	quer / crosswise: > 40	DIN EN ISO 527-3, 50 mm/min
Reißdehnung / Elongation at tear [%]	längs / lengthwise: > 150	quer / crosswise: >200	
Reißfestigkeit / Tear resistance [N/mm²]	längs / lengthwise: > 30	quer / crosswise: > 20	
Glanzgrad / gloss [Skalenteile/scale units]	< 30	Dr. Lange Reflektometer, 85° Meßwinkel/ measuring angle	
sichtbare Gelpartikel/ visible gel particles	Die Sichtbarkeit einzelner Gelpartikel kann nicht grundsätzlich ausgeschlossen werden in principle, the visibility of single gel particles cannot be ruled out		
Dimensionsstabilität MD/CD [mm]/ dimesional stability MD/CD [mm]	MD: ≤ - 1,0 CD: ≤ - 0,8	Finat 14, verklebt auf Aluminium/ affixed to aluminium	
L*a*b* Wert/ L*a*b* value	Farbabweichungen können nicht grundsätzlich ausgeschlossen werden. in principle, colour deviations cannot be ruled out		

Kleber / Adhesive

Basis / Adhesive type	Polyacrylat Dispersion, Tüpfel polyacrylate dispersion, dots		
pH-Wert / pH-value	ca. / approx. 7,0		
Klebkraft / Adhesive strength [N/25 mm]	10 min: > 1,0	24h: > 1,5	AFERA 4001

Abdeckung / Masking

Materialtyp / Type	einseitig silikonisiertes PE- Papier, weiß one- sided siliconised PE-paper, white		
Dicke / Thickness [µm]	175 ± 10	approx. 6.9 mil	
Flächengewicht / Weight [g/m²]	147 ± 7		
Trennkraft / Removal force [mN/cm]	80 - 170	Abzugsgeschwindigkeit / speed 300 mm/min	

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Weitere Angaben / Others

Lagerbedingungen / Storage conditions	18° - 25°C / 64 - 77°F; 40 - 65% relative Luftfeuchtigkeit / relative humidity		
Lagerzeit [Jahre] / Shelf Life [Years]	1		
Flammhemmung/ flame retardancy	B1 Prüfzeugnis nach DIN 4102-1; M1 Prüfzeugnis nach NFP 92 B1 test certificate according DIN 4102-1; M1 test certificate according NFP 92		
Raumbedingungen beim Verarbeiten/ Indoor conditions for processing	18° - 25°C / 64 - 77°F		
Einsatztemperatur/ End-use temperature range:	-30°C bis +50°C	-22° F to +122° F	verklebt auf Aluminium / affixed to aluminium
	Kurzzeitige Temperaturbelastung von >70°C und anhaltende Erwärmung >50°C führen zu Verfärbung der Folie Short-term temperature load from > 70°C and continuing warming >50°C lead to discoloration of the PVC-film		

Die Prüfungen erfolgten im Normalklima gemäß 23/50-2, DIN 50014.
All tests were performed in accordance with 23/50-2, DIN 50014.

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