

solvoprint easy 100 GP

Technical Information

➤ General information

- 100µm thick, monomeric softened PVC film
- glossy, bright white surface
- non-ageing, solvent-free, elastic and permanent acrylic adhesive (transparent)
- soft and elastic

➤ Areas of application

- printable with eco solvent and solvent inks as well as with UV-curable inks
- for short- to mid-term applications on even and slightly uneven surfaces
- Neschen Quality Certificate (2 years outdoor durability unprinted)
- easy to remove

➤ Processing & Handling

- for further handling and storage recommendations please refer to the latest product catalogue or visit our homepage under www.neschen.com
- must not be stored lying flat, storage is best to be done in the original box at 20°C and relative humidity
- to avoid fingerprints, protective gloves are recommended to be worn while handling
- to prevent problems after processing / laminating, make sure all prints have been allowed sufficient time to thoroughly dry (dry time of at least 24 hours to be assured) because the adhesive will be damaged rather it gets bubbles.
- the printfile has to be tested with the profile; for all Neschen Print-Medias it is necessary to take different adjustment-parameters for the printer, because they have different conditions
- make sure media is not tightly wound for drying

➤ Advantages / Special Features

- very attractive price/performance ratio
- universal use; very versatile
- for indoor and outdoor application
- soft and elastic, easy handling
- for more information please also see the latest compatibility list "solvoprint media"

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➤ Technical Data

➤ Carrier:

Film type:	clear, glossy, monomeric softened PVC film		
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		
Dimension stability (AA3701)	max ? %		

➤ Adhesive:

Adhesive type:	polyacrylate dispersion		
pH-value:	approx. 7,0		
Adhesive strength [N/25 mm]:	10 min: > 5,0	24h: > 12,5	AFERA 4001

➤ Backing:

Type:	one-sided siliconised paper		
Thickness [µm]:	124 ± 6	approx. 5,5 mil	
Weight [g/m²]:	130 ± 6		
Removal force [mN/cm]:	30 to 50	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		
Product life [Years]:	depending on the material product is affixed to, generally speaking several years		
Temperature stability:	-30 to +50°C	-20 to +120°F	affixed to aluminium
Humid climate stability [change/no change]	n.a.		

** original boxed at 20°C / 68° F, and relative humidity, **without printing !**

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