

One Way Window Mesh 160 µm

Description: Perforated special PVC film, white gloss with black backing for use on even transparent substrates from gloss.

After printing on the film surface the picture becomes visible while the perforated black backing allows light to pass through. The ratio of the printable area of the total surface is more than 50%.

Film thickness: 0.16MM Release paper: PE coated. Non perforated silicone paper 140g/m² Outdoor life: up to 1 year

Process Compatibility: Solvent inkjet , Water based inkjet , Cold laminating , Die cutting , Screen printing , Window decoration

Area of use: For short and medium-term advertising graphics on vehicles, shop windows or other surfaced transparent advertising media that should allow light to easily pass through from back

After printing the ink must be thoroughly dry in order to avoid any affection the later combination with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material. Tack cloths are recommended.

Film Thickness	0.16±0.001MM
Adhesive Thickness	0.025±0.003MM
Liner Thickness	0.18±0.01MM
Dimensional stability;	
no shrinkage in cross direction, in length 1mm max	
Diameter of hole	1.5mm
Perforating Ratio	40%
Adhesion Power	4-6 N/25mm

Shelf life	up to 2years
Application Temperature	min +10°C S

Service life by specialist application under vertical outdoor exposure (normal climate of Asia) up to 2years

Resistance to various liquids after application and conditioned for 24 hours at 23°C. Results examined 1 hour after test

Humidity 24 hours at 38°C and 100% No effect

Water (Distilled): 24 hours at 32°C No effect

Sea water DIN EN ISO 50021: adhered to glass, after 48h/23°C no variation

Reference Fuel 1 hour at 23°C: Slight film softening

Diesel Fuel 1 hour at 23°C : No effect

SAE Motor Oil 24 hours at 23°C : No effect

Antifreeze/water(1:1) 24 hours at 23°C : No effect

Detergent Solution 8 hours at 65°C : No effect

Hydraulic Oil 24 hours at 65°C : No effect

Battery Acid 24 hours at 23°C : No effect

These technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.

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