

MACmask 84.817

PRODUCT DESCRIPTION

Soft calendered vinyl film coated with a removable rubber-based adhesive.

Face Material: Grey transparent vinyl film, 80 µm thick, cadmium-free

Adhesive: Removable rubber-based adhesive

Liner: White highly stable 135 gsm kraft paper with grey backprinting.

TYPICAL USE

Masking film for stenciling onto truck curtains.

PROCESSING

Computer cutting

Clean, quick, trouble-free cutting with most plotters. Adjustment of the cutting depth is important : if the cut is too deep this could result in the paper splitting and coming away with the adhesive when the vinyl is transferred to Application Tape.

Weeding

Easy and fast.

Application

We recommend to clean the tilt with alcohol just before the applying of MACmask 84.817. This will remove the migrated plasticizer and will provide a better adhesion of the MACmask on the tilt. The transfer of the cut vinyl onto the Application Tape should always be performed by removing the liner from the pressure-sensitive material (i.e. with the PVC face downwards onto the working surface) and not by lifting off the Application Tape.

Painting

The applicator will take care about the paint dilution : solvents could affect the vinyl.

Masking film removability

Must be removed up to 4 hours maximum following application on the substrate.

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity.

PHYSICAL PROPERTIES (TYPICAL VALUES)

Average Values Test Method

Thickness		
Film + Adhesive (micron)	90	ISO 534
Face Material data, 23°C		
Tensile Strength (N/15mm)	> 30	DIN ISO 527-3
Elongation at Break (%)	≥ 150 %	DIN ISO 527-3
Adhesive data, 23°C (N/25 mm)		
Peel adhesion 180° on stainless steel		
- 20 min. residence	2,5	FTM1
- 24 hour residence	3,5	FTM1
- 1 week residence	4,5	FTM1
Dimensional stability		
Shrinkage (1 week at 70°C applied on Aluminium)	< 4 mm	FTM14
Temperature ranges		
Application (°C)	+10 to +40	
End-use (°C)	+10 to +60	
Flammability		
Sample mounted on aluminium	self-extinguishing	ISO 3795

EXPECTED DURABILITY

Indoor use

DISCLAIMER

For more information on the durability and exposure please visit the “Mactac Technical Bulletin TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films” on the [www.https://www.mactacgraphics.eu](https://www.mactacgraphics.eu) website.

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