

MACmask 28.180

PRODUCT DESCRIPTION

White soft calendered vinyl film coated with a removable cohesive acrylic adhesive.

Face Material: White matt vinyl film, 80 µm thick, cadmium-free

Adhesive: Acrylic removable adhesive

Liner: White highly stable kraft paper, 135 g/m²

TYPICAL USE

Masking film for stencilling onto carbodies.

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

Application of MACmask 28.180 is made easier with a MACtransfer tape. 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.

N.B : The removability of MACmask 28.180 can be very difficult on certain substrates such as : acrylic glass, polystyrene, nitro-cellulose painted surfaces and soft PVC.

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)	100	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	1,5	FTM1
- 24 hour residence	2,5	FTM1
- 1 week residence	3,5	FTM1
Dimensional stability		
Shrinkage (1 week at 70°C applied on Aluminium)	< 0,2	FTM14
Temperature ranges		
Application (°C)	+10 to +40	
End-use (°C)	+10 to +70	

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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