



# MACmask 84.817

## Technical Data Sheet

### PRODUCT DESCRIPTION

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

### CONSTRUCTION

#### **Face material :**

Grey transparent vinyl film, 80 µm thick, cadmium-free.

#### **Adhesive :**

Solvent based removable rubber-based adhesive.

#### **Liner :**

White highly stable 135 gsm kraft paper with green backprinting.

### TYPICAL USES

Masking film for stencilling onto tilts.

### SHELF LIFE

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

### PHYSICAL PROPERTIES (Average values)

**Thickness** (mm) (Film + adhesive) ASTM D-645  
0.090

**Face Material Data, 23°C** DIN 53455

Tensile strength : ≥ 2.3 kN/m

Elongation at break : ≥ 100 %

**Adhesive Data, 23°C** FTM 1

Peel adhesion 180° on stainless steel (N/25 mm)

- 20 min. application : ± 2.5

- 1 week application : ± 4.5

**Dimensional stability** FTM 14

Shrinkage (48 hours at 70°C) : < 1.5 %

(25 cm x 25 cm, sample mounted on aluminium)

#### **Temperature ranges :**

Application : + 10°C to + 40°C

End-use : + 10°C to + 60°C

N.B. : for lower temperatures, please consult us.

**Flammability** ISO 3795

Sample mounted on aluminium : self-extinguishing.

### 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.

### IMPORTANT NOTICE

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