

Description

This self-adhesive stencil film is ideal for painting and lacquering on smooth surfaces. Its flexibility combined with the special adhesive means that the films easily adapt to curves and undulations.

The light grey matt transparent face film gives you a full view of the working area.

The non-aggressive adhesive allows use of overlapping of stencils where a surface has already been painted when it is dry to the touch.

DeTape Flexible Stencil Film is designed for the use in vinyl cutters for production of lettering.

Available from stock in 610mm and 1250mm widths.

Technical Data

Construction

Face Film	Soft PVC
Thickness	~ 80 µm
Adhesive	Acrylic pressure adhesive square quantity: ~ 16 g/m ²
Release Liner	Silicone cardboard square weight ~ 140 g/m ²

Adhesive

Adhesive Strength: (ASTMD-903)	Immediately	~ 1.0 N/25 mm
	After 1 week	~ 2.0 N/25 mm
Dimensional stability:	2 hours with 70° C on acrylic glass	No longitudinal or lateral contraction
Tensile Strength:	DIN 53 455	Longitudinal: ~ 150 %
		Lateral: ~ 170 %
Combustibility:	Stuck on aluminium	The film is self-extinguishing
Temperature:	Application Temperature:	min. 15°C
	Service Temperature Range:	-30 °C up to +80 °C

Processing

Application:	Dry application only. Humidity, longer application processes and high temperatures increase the adhesive strength.
Storage Life:	Before application the films can be stored for minimum 3 years from date of production. The film must be stored at room temperature (15-25 °C) and a relative humidity of the air of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either vertical standing or for this purpose designed 'hanging' racks.