



## Stencil Film Data Sheets

This document contains datasheets for the following products

### **DeTape RF Stencil Film**

Stencil film for exterior façades and other rough surfaces

### **DeTape Flexible Stencil Film**

Highly flexible stencil film for tarpaulin and vehicles

### **DeTape Flat Stencil Film**

Stencil film for smooth surfaces

## Description

This self adhesive film is designed for creating stencils for painting and lacquering on rough, uneven surfaces, such as exterior walls, textured walls such as those with woodchip wallpaper and plastered walls.

The film is highly flexible and has an adhesive tack that allows for sharp contours which eliminates the possibility of running paint behind the stencil.

DeTape RF is designed for the use in vinyl cutters for production of lettering.

**Available from stock in 610mm and 1250mm widths.**

## Technical Data

### Construction

<b>Face Film</b>	Special PP
<b>Thickness</b>	~ 80 µm
<b>Adhesive</b>	Acrylic pressure adhesive square quantity: ~ 35 g/m <sup>2</sup>
<b>Release Liner</b>	Silicone cardboard square weight: ~ 140 g/m <sup>2</sup>

### Adhesive

<b>Adhesive Strength: (ASTMD-903)</b>	Immediately After 1 week	~ 3.8 N/25 mm ~ 7.5 N/25 mm
<b>Dimensional stability:</b>	2 hours with 70° C on acrylic glass	No longitudinal or lateral contraction
<b>Tensile Strength:</b>	DIN 53 455	Longitudal: ~ 150 % Lateral: ~ 170 %
<b>Combustibility:</b>	Stuck on aluminium	The film is self-extinguishing
<b>Temperature:</b>	Application Temperature: Service Temperature Range:	min. 15°C -30 °C up to +80 °C

### Processing

<b>Application:</b>	Dry application only. Humidity, longer application processes and high temperatures increase the adhesive strength.
<b>Storage Life:</b>	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 relativ 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.

**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 adapts 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**

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

**Adhesive**

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

**Processing**

<b>Application:</b>	Dry application only. Humidity, longer application processes and high temperatures increase the adhesive strength.
<b>Storage Life:</b>	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 relativ 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.

**Description**

This self adhesive film is designed for stencil work on smooth surfaces such as awnings, acrylic sheets, glass or ceramics. 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 Flat 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**

<b>Face Film</b>	Special PP
<b>Thickness</b>	~ 80 µm
<b>Adhesive</b>	Acrylic pressure adhesive square quantity: ~ 18 g/m <sup>2</sup>
<b>Release Liner</b>	Silicone cardboard square weight: ~ 140 g/m <sup>2</sup>

**Adhesive**

<b>Adhesive Strength: (ASTMD-903)</b>	Immediately After 1 week	~ 1.5 N/25 mm ~ 3.8 N/25 mm
<b>Dimensional stability:</b>	2 hours with 70° C on acrylic glass	No longitudinal or lateral contraction
<b>Tensile Strength:</b>	DIN 53 455	Longitudal: ~ 110 % Lateral: ~ 120 %
<b>Combustibility:</b>	Stuck on aluminium	The film is self-extinguishing
<b>Temperature:</b>	Application Temperature: Service Temperature Range:	min. 15°C -30 °C up to +80 °C

**Processing**

<b>Application:</b>	Dry application only. Humidity, longer application processes and high temperatures increase the adhesive strength.
<b>Storage Life:</b>	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 relativ 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.