



Sandblast Film Data Sheets

This document contains datasheets for the following products

Light Duty Sandblast Stencil Film
Medium Duty Sandblast Stencil Film
Premium Duty Sandblast Stencil Film
Heavy Duty Sandblast Stencil Film

This self-adhesive film for sandblasting works is ideal to stencil on smooth surfaces such as works on glass with low exposures. The high durability of the adhesive ensures safe work on the surface. The production of sharp outlines and the removal without leaving any residues are guaranteed. This stencil film allows different glass creations like relief structures, letterings, logos or satin finish of surfaces.

Thanks to its flexibility this film is ideal for the use in computerised cutting of letterings, logos and shapes.

Technical Data

Construction

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

Adhesive

Adhesive Strength: (ASTMD-903)	Immediately	~ 3.8 N/25 mm
	After 1 week	~ 7.5 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. 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 hanging wall racks.

This self-adhesive film for sandblasting works is ideal to stencil on smooth surfaces such as works on glass or polished stones with medium exposure. The high durability of the adhesive ensures safe work on the surface. The production of sharp outlines and the removal without leaving any residues are guaranteed. This stencil film allows different glass creations like relief structures, letterings, logos or satin finish of surfaces.

Thanks to its flexibility this film is ideal for the use in computerised cutting of letterings, logos and shapes.

Technical Data

Construction

Face Film	Special PVC
Thickness	~ 180 µm
Adhesive	Acrylic pressure adhesive square quantity: ~ 25 g/m ²
Release Liner	Silicone cardboard square weight: ~ 140 g/m ²

Adhesive

Adhesive Strength: (ASTMD-903)	Immediately After 1 week	~ 2.5 N/25 mm ~ 5.0 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: Service Temperature Range:	min. 15°C -30 °C up to +80 °C

Processing

Application:	Dry application only. 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 hanging wall racks.

This self-adhesive film for sandblasting works is ideal to stencil on smooth surfaces such as works on glass or polished stones with medium exposure. The high durability of the adhesive ensures safe work on the surface. The production of sharp outlines and the removal without leaving any residues are guaranteed. This stencil film allows different glass creations like relief structures, letterings, logos or satin finish of surfaces.

Thanks to its flexibility this film is ideal for the use in computerised cutting of letterings, logos and shapes.

Technical Data

Construction

Face Film	Special PVC
Thickness	~ 230 µm
Adhesive	Acrylic pressure adhesive square
Release Liner	Silicone cardboard square weight: ~ 140 g/m ²

Adhesive

Adhesive Strength: (ASTMD-903)	Immediately After 1 week	~ 2.5 N/25 mm ~ 7.0 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: Service Temperature Range:	min. 15°C -30 °C up to +80 °C

Processing

Application:	Dry or wet application. 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 hanging wall racks.

This self-adhesive film for sandblasting works is ideal to stencil on sub-surfaces such as natural stone and metal. The high durability of the adhesive and the thickness of the film ensures safe work on the surface. The production of sharp outlines and the removal without leaving any residues are guaranteed. This stencil film allows different glass creations like relief structures, letterings, logos or satin finish of surfaces.

Thanks to its flexibility this film is ideal for the use in computerised cutting of letterings, logos and shapes.

Technical Data

Construction

Face Film	Special PVC
Thickness	~ 330 µm
Adhesive	Acrylic pressure adhesive square quantity: ~ 35 g/m ²
Release Liner	Silicone cardboard square weight: ~ 140 g/m ²

Adhesive

Adhesive Strength: (ASTMD-903)	Immediately After 1 week	~ 3.8 N/25 mm ~ 5.0 N/25 mm
Dimensional stability:	2 hours with 70° C on acrylic glass	No longitudinal or lateral contraction
Tensile Strength:	DIN 53 455	Longitudal: ~ 100 % Lateral: ~ 120 %
Combustibility:	Stuck on aluminium	The film is self-extinguishing
Temperature:	Application Temperature: Service Temperature Range:	min. 15°C -30 °C up to +80 °C

Processing

Application:	Dry application only. 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 hanging wall racks.