

GRAFITACK SANDBLAST FILM



REFERENCE SBT

Released on 1st April 2018

PROVISIONAL SPECIFICATIONS

Description

The Grafitack sandblast film with reference SBT is a cadmium-free monomeric calendered PVC sandblast film, provided with a pressure-sensitive removable acrylic adhesive. This adhesive is protected by a high-quality silicone paper.

Composition

Film : 230 micron thick monomeric calendered PVC sandblast film
 Adhesive : removable pressure-sensitive dispersion-based acrylic adhesive
 Backing paper : siliconised white kraft paper of 120 g/m²

Application

With the Grafitack SBT sandblast stencil you can easily cut all desired logos and texts. Once completed, they can be sandblasted on wood, plastic or glass, using extremely fine sand. For sandblasting on harder materials, such as stone, granite, etc... we recommend the thicker Grafitack SBP sandblast film

Product advantages

Can be removed again with ease, without leaving behind any glue residues.

Product specifications

Technical properties at a relative humidity of 50 ± 5 % and a temperature of 23 ± 2°C.

		Test method	Result
1.	<u>Thickness¹</u> Thickness vinyl Thickness vinyl + glue + backing paper	Din53370 Din53370	230 micron 365 micron
2.	<u>Elongation at break²</u> In production-length direction In cross direction	Din53455 Din53455	> 150 % > 150 %
3.	<u>Dimensional stability³</u>	Finat 14	not applicable
4.	<u>Degree of gloss</u> Minimum (measuring angle 60°)	Din67530	15 GU (gloss units)
5.	<u>Adhesion strength⁴</u> After 20 minutes After 24 hours	Finat 1 Finat 1	3 N/25mm 4 N/25mm
6.	<u>Quickstick⁵</u>	Finat 9	3 N
7.	<u>Expected outdoor life span⁶</u>	-	not applicable
8.	<u>Temperature range</u> At application At use	- -	+5°C to +35°C 0°C to +60°C
9.	<u>Colour back print</u>	-	-
10.	<u>Flammability</u> If applied on aluminium, glass, steel = self-extinguishing		

Storage instructions

All Graftack materials always need to be stored in their original packing and with the original protection flanges (and preferably stored vertically).

In order to avoid any loss of quality, the Graftack materials should also be stored in suitable conditions, that is at a temperature between 10 and 20°C, and a relative humidity of 50%.

Under these conditions, the Graftack SBT materials can be stored up to six months.

Remarks

In order to achieve an optimal result, we advise you to clean the surface with isopropanol and/or to use a low-tack application tape !

Important

The information, mentioned in this product data sheet, is based upon tests that were executed by Grafityp, and that we consider to be reliable. The information always represents an average, a minimum or a maximum value, and should be considered as such. It is only given for your information, and does not give any guarantee. It is up to the end user to decide whether or not the product is suited for his particular application.

- 1)**
The thickness of the Graftack materials may vary slightly. The indicated value is an average value, obtained from a series of measurements.
- 2)**
The elongation at break of the Graftack materials may vary slightly. The indicated value is a minimum value, obtained from a series of measurements.
- 3)**
The dimensional stability is the shrinkage of the unprinted material in mm. This value is measured by applying the film on aluminium (100x100mm), and placing it in a hot-air oven at 70°C for 48 hours (= Finat 14 Method, adjusted according to our own internally developed procedure). The indicated value is a maximum value, obtained from a series of measurements.
- 4)**
The adhesion strength is measured on glass, and this after 20 minutes and after 24 hours. The film is removed again in an angle of 180° and at a speed of 300 mm/min. The indicated value is an average value, obtained from a series of measurements.
- 5)**
The "Quickstick" is the direct adhesion strength, measured on glass. The indicated value is an average value, obtained from a series of measurements.
- 6)**
The expected outdoor life span refers to outdoor use under Central European conditions and to vertical applications. The expected life span of our films is based upon professional application on a dry, degreased and suitable background. Tropical conditions, or the use near chemical emission, may have a detrimental effect on the life span. The life span can also differ, depending on the colour (due to the pigmentation).