

Squid® Textile

INTRODUCTION

Squid is a self-adhesive transparent textile for covering indoor glass windows, doors, and glass partitions. It is available in six different colors. In addition to being a highly decorative and minimal glass covering, it also offers various degrees of privacy, thermal and visual comfort depending on the colour of choice. Squid is printable with (Eco-) solvent and UV, with a dedicated version also printable with latex.

Face material:

300 µm 100% woven polyester in various colors

Adhesive:

Removable, transparent pressure sensitive acrylic adhesive

Liner:

35 g/sqm Polypropylene liner

TYPICAL USE

- Interior decoration
- Indoor advertising
- Office partitions
- Solar protection

CONVERSION

Squid Textile has been developed for use on flat glass surfaces, such as windows, doors and partitions. Digitally cuttable on flatbed cutters (Zund/Esko/Summa), Squid Textile is damp-proof and can also be applied in warm and humid environments

Squid can be printed on using (Eco-) solvent and UV curable inks on various super wide format printers. In addition Squid Chalk - Latex can also be printed with latex inks. The use of generic textile ICC profiles is recommended and there is no need for additional overlamination. For additional information related to window application, please refer to Mactac Technical Bulletin 4.8.

Before starting a project it is always recommended to do a pilot application to ensure satisfactory product performance before a full roll out of the project. In case of uncertainty please reach out to a Mactac contact for further help or recommendations.

Note: Squid Textile has low initial tack to ensure its easy repositionability during application. Once positioned correctly it is of utmost importance to apply sufficient pressure (10 kg) with the help of a hard squeegee to ensure the adhesive adheres adequately to the surface.

In case of printing, materials have to be properly dried before further processing. The residual solvents could change the products' specific features.

Prior to installation (or printing), Squid® rolls must rest for at least 1 hour, outside of their original packaging, at a stable temperature of between 15°C and 22°C. Squid® must be kept tightly rolled onto its carton core. In case Squid® was transported or stored at a temperature below 15°C, the acclimatisation duration must be at least 4 hours.

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

FEATURES

- Highly decorative and minimalistic woven textile for elegant window decoration
- PVC-free / No treatment using halogens
- Exclusive design opportunities with excellent printability across all major digital platforms
- Suitable for damp locations
- Antibacterial / antifungal properties
- Oeko-Tex® Standard 100
- Fire Classification rating of B-s1, d0 according to EN 13501-1
- HR++(+) compatible (Note: Printed Squid films and the color Coal can not be applied onto HR++(+) glass. Mactac/Avery Dennison can never be held responsible in case of cracks caused by thermal stress.

STORAGE CONDITIONS

Squid® can be stored in a horizontal position in its original packaging for a period of 2 years in an area with the following characteristics: Temperature from 15-25°C/ 10-55% RH. In order to avoid air bubbles and tunnelling which could cause permanent deformations, Squid® must always be kept tight around its carton core, with its beginning and end fastened by tape in three evenly distributed places on the roll, i.e. far left, middle and far right. Squid® rolls can be stored vertically and horizontally. In the latter case, the surface must be chosen so that (imprint) damage is avoided.

DURABILITY

Squid has a service life of minimum 5 years providing that Squid® is correctly installed on a vertical glass surface and used without any removal and repositioning after the activation of the glue. Strict compliance with the storage, application and maintenance instructions is necessary to ensure the service life of Squid®

PHYSICAL PROPERTIES (TYPICAL VALUES)

Features	Results	Test method
Caliper, face film	300 µm	ISO 534
Weight, face film	105 g/sqm	-

Temperature ranges

Minimum application temperature	+ 10 °C
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Certifications

Fire certification	B-s1, d0	EN13501-1
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EXPECTED DURABILITY*

Central Europe Zone 1

Unprocessed	5 years	ISO 4892-2.
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Note : Exposure to severe temperatures, ultraviolet light, and/or conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitudes and south-facing exposure. No durability warranty is given for horizontal exposure.

Important notice: Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.

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