

PRODUCT DATA SHEET

Avery Dennison® Squid Window Textile

Issued: 03/2021

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.

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.



Face Film

300 micron 100% woven polyester in various colors



Adhesive

Permanent, transparent pressure sensitive acrylic adhesive



Backing

35 gsm Polypropylene liner



Durability

5 years (indoor, vertical exposure, unprinted)



Shelf Life

2 years

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 on 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 Avery Dennison Technical Bulletin 5.15.

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 an Avery Dennison 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.

Recommendations

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

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 EN13501-1
- HR++(+) compatible (Note: Printed Squid films and the color Coal can not be applied onto HR++(+) glass. Avery Dennison can never be held responsible in case of cracks caused by thermal stress.

Physical Characteristics

| | Test method ¹ | Results |
|--|------------------------------|---------|
| Product | | |
| Caliper, facefilm (micron) | ISO 534 | 300 |
| Weight, facefilm (g / m ²) | | 105 |
| Weight, total construction (g/m ²) | | 140 |
| Shelf life (years) | Stored at 22° C/50-55 % RH | 2 |
| Durability ² (years) | Unprinted, vertical exposure | 5 |
| Fire Certification | EN13501-1 | B-s1,d0 |

Temperature range

Application temperature (Minimum: °C) ≥ 10 °C

NOTE: 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.

1) Test methods

More information about our test methods can be found on our website.

2) 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.

3) 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®

Important

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.

1) Test methods: More information about our test methods can be found on our website.

2) Durability: The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased..

Avery Dennison warrants that its Products meet its specifications. Avery Dennison gives no other express or implied guarantees or warranties with respect to the Products, including, but not limited to, any implied warranties of merchantability, fitness for any particular use and/or non infringement. All Avery Dennison products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. The period of warranty is one (1) year from the date of shipment unless expressly provided otherwise in the product data sheet. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>.

Avery Dennison's aggregate liability to Purchaser, whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price of the defective, non-conforming, damaged or undelivered Products which give rise to such liability as determined by net price invoices to Purchaser in respect of any occurrence or series of occurrences. In no circumstances shall Avery Dennison be liable to Purchaser for any indirect, incidental or consequential loss, damage or injury, including without limitation, loss of anticipated profits, goodwill, reputation, or losses or expenses resulting from third party claims.

© 2021 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison.