

PRODUCT DATA SHEET

Avery Dennison® Squid Opaque Window Textile

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Introduction

Squid Opaque is a self-adhesive densely woven opaque textile for covering indoor glass windows, doors, and glass partitions. It is available in two different colors. In addition to being a highly decorative and minimal glass covering, it also offers a high degree of privacy and various levels of thermal comfort depending on the color of choice. Squid Opaque is printable with the major digital printing platforms Latex, (eco-) solvent and UV.

Product characteristics: Squid is a textile solution that results from a series of production processes. Despite the harmonized standards in the weaving process and post-parameters, small deviations and imperfections are inevitable and typical of the development of the Squid textile solution and are therefore accepted. A maximum of 3 weaving errors (marked with a blue sticker) are accepted on a roll of 50m, which will never be in the first 3m or final 3m of a roll.



Face Film

300 micron 100% densely woven polyester in 2 colors



Adhesive

Removable, transparent pressure sensitive acrylic adhesive



Backing

50 gsm Nonwoven PP liner



Durability

5 years (indoor, vertical exposure, unprinted)



Shelf Life

2 years

Conversion

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

Squid Opaque can be printed using Latex, (Eco-) solvent and UV curable inks on various super wide format printers. 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 rollout of the project. In case of uncertainty please reach out to an Avery Dennison contact for further help or recommendations.

Note: Squid Opaque 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.

Using Avery Dennison Edge Sealing Tape Transparent creates a stronger bond along the edges, ensuring long-lasting adhesion.

Recommendations

- » Interior decoration
- » Indoor visual communication
- » Office partitions
- » Solar protection
- » Windows with odd shapes, XL windows or small windows
- » Suitable for damp locations

Features

- » Highly decorative and minimalistic woven textile for elegant window decoration in 6 different colors
- » Retain privacy, yet allowing light to shine thru
- » PVC-free / No treatment using halogens
- » Exclusive design opportunities with excellent printability across all major digital platforms
- » Easy to apply, maintain and remove
- » Antibacterial / antifungal properties
- » Oeko-Tex® Standard 100
- » Fire Classification rating of B-s1, d0 according to EN13501-1

Note: Please refer to your Avery Dennison contact for more information about glass compatibility

Physical Characteristics

	Test method ¹	Results
Product		
Caliper, facefilm (micron)	ISO 534	300
Weight, facefilm (g / m ²)		210
Weight, total construction (g / m ²)		240
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® Opaque 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® Opaque was transported or stored at a temperature below 15°C, the acclimatization 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® Opaque 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 tunneling which could cause permanent deformations, Squid® Opaque 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® Opaque 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® Opaque 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® Opaque.

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.

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