

BRADY B-696 GLOSSY WHITE THERMAL PRINTABLE POLYESTER WITH LOW TACK

TDS No. B-696
Effective Date: 01/24/2019

Description:

GENERAL

Print Technology: Thermal transfer

Material Type: Polyester

Finish: Satin

Adhesive: Permanent, cleanly removable acrylic pressure sensitive

APPLICATIONS

B-696 is designed as a chemically clean, cleanly removable, low tack THT printable label for the Hard Disc Drive market. Other uses include rating plate applications that utilize high quality/density alphanumeric, barcodes and graphics.

RECOMMENDED RIBBONS

Brady Series R6200

REGULATORY APPROVALS

For information on the Weee-RoHS compliance status for a Brady Product go to one of the following websites:

In Canada: www.bradycanada.ca/weee-rohs

In Europe: www.bradyeurope.com/rohs

In Japan: www.brady.co.jp/products/labelsuse/rohs

All other regions: www.bradyid.com/weee-rohs

SPECIAL FEATURES

B-696 is supplied with a permanent, yet cleanly removable, acrylic adhesive that exhibits a low tack adhesion to many surfaces. B-696 is also low out gassing, low ions and has no silicone.

Details:

PHYSICAL PROPERTIES	TEST METHOD	AVERAGE RESULTS
Thickness	ASTM D 1000 - Substrate - Adhesive - Total (excluding liner)	0.0020 inch (0.051 mm) 0.0005 inch (0.013 mm) 0.0025 inch (0.064 mm)
Adhesion to: - Stainless Steel - Polycarbonate	ASTM D 1000 20 minute dwell 72 hour dwell 20 minute dwell 72 hour dwell	 9.8 oz/in (2.74 N/25mm) 15.1 oz/in (4.20 N/25mm) 12.0 oz/in 3.34 N/25mm) 22.6 oz/in (6.28 N/25mm)
Tack	ASTM D 2979 Polyken™ Probe Tack 0/5 second dwell	240 g
Shear Adhesion Failure Temperature (SAST)	ASTM D4498-95 (except use 25mm X 25mm X 1Kg)	> 200°C
Extractable ions	Seagate 20800012-001	Anions (µg/cm ²) Fluoride ND Chloride <0.005 Nitrite ND Bromide ND Nitrate <0.005 Phosphate ND

		Sulfate 0.006 Cations ($\mu\text{g}/\text{cm}^2$) Lithium ND Sodium <0.005 Ammonium ND Potassium ND Magnesium ND Calcium ND ND = None Detected
Extractable organics via FT-IR	Seagate 20800014-001 Rev. D	Silicone - Release side ND Adhesive side ND
DHS GC-MS outgassing	Seagate 20800020-001 Rev. E with constant flow	100 ng/cm ²

Shelf Life:

Shelf life is two years from the date of receipt for this product as long as this product is stored in its original packaging in an environment below 80° F (27° C) and 60% RH. It remains the responsibility of the user to assess the risk of using this product. We encourage customers to develop testing protocols that will qualify a product's fitness for use in their actual application.

Trademarks:

ASTM: American Society for Testing and Materials (U.S.A.)
Polyken™ is a trademark of Testing Machines Inc.

Note: All values shown are averages and should not be used for specification purposes.

Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

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