

B-694 WHITE POLYESTER LABEL STOCK WITH PERMANENT, CLEANLY REMOVABLE ACRYLIC ADHESIVE MOUNTED ON A NON-SILICONE POLYESTER RELEASE LINER

TDS No. B-694
Effective Date: 1/12/2022

Description:

GENERAL

Print Technology: Thermal transfer

Material Type: Polyester

Finish: Satin

Adhesive: Permanent, cleanly removable acrylic pressure sensitive

APPLICATIONS

B-694 is designed as a chemically clean, cleanly removable, 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-694 is supplied with a permanent, yet cleanly removable, acrylic adhesive that exhibits a stable adhesion over time to many surfaces.

B-694 is also low outgassing, low ions, and has no silicone.

Supplied on a 2 mil non silicone polyester release liner.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 -Substrate -Adhesive -Total (excluding liner)	0.0020 inch (0.051 mm) 0.0010 inch (0.025 mm) 0.0030 inch (0.076 mm)
Adhesion to: (dwelled on panel for indicated time/temperature)	ASTM D 1000	
-Stainless Steel	20 minute dwell 24 hour dwell @ 70 °C	22 oz/in (6.1 N/25mm) 42 oz/in (11.7 N/25mm)
-Aluminum	20 minute dwell 24 hour dwell @ 70 °C	21 oz/in (5.8 N/25mm) 35 oz/in (9.7 N/25mm)
-ECA (Epoxy-Coated Aluminum)	20 minute dwell 24 hour dwell @ 70 °C	22 oz/in (6.1 N/25mm) 42 oz/in (11.7 N/25mm)
Shear Adhesion Failure Temperature (SAFT)	ASTM D 4498-95 (except use 25mm X 25mm X 1Kg)	> 200°C
Typical Release	ASTM D 1000	25-75 g/25mm
Extractable Organics via FT- IR	Seagate 20800014-001 Rev G	Silicone - Adhesive side ND ND = None Detected

Extractable ions	Seagate 20800012-001 Rev F	Anions ($\mu\text{g}/\text{cm}^2$) Fluoride ND Chloride <0.005 Nitrite ND Bromide ND Nitrate 0.005 Phosphate ND Sulfate 0.005 ND = None Detected
DHS GC-MS outgassing	Seagate 20800020-001 Rev P	53 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.)
 PSTC: Pressure Sensitive Tape Council (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.

Copyright 2022Brady Corporation Asia Pte. Ltd. | All Rights Reserved
 Material may not be reproduced or distributed in any form without written permission.