

BRADY B-408 MATTE WHITE PAPER LABEL STOCK

TDS No. B-408
Effective Date: 01/11/2019

Description:

GENERAL

Print Technology: Thermal Transfer

Material Type: White Paper

Finish: Matte

Adhesive: Removable acrylic

APPLICATIONS

General labeling and barcoding applications where the label needs to be removed or repositioned.

RECOMMENDED RIBBONS

Brady Series R6100

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-408 is designed to be removable after 30 days from cardboard, stainless steel, glass and polypropylene when used at ambient conditions.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 Total (excluding liner)	0.0030 inch (0.0762 mm)
Adhesion to:	ASTM D 1000	
-Stainless Steel	20 minute dwell 24 hour dwell	3 oz/in (3 N/100 mm) 4 oz/in (4 N/100 mm)
-Polypropylene	20 minute dwell 24 hour dwell	4 oz/in (4 N/100 mm) 4 oz/in (4 N/100 mm)
-Glass	20 minute dwell 24 hour dwell	2 oz/in (2 N/100 mm) 3 oz/in (3 N/100 mm)
-Smooth ABS	20 minute dwell 24 hour dwell	12 oz/in (15 N/100 mm) 20 oz/in (22 N/100 mm)
-Cardboard*	20 minute dwell 24 hour dwell	1 oz/in (1 N/100 mm) 1 oz/in (1 N/100 mm)
Tack	ASTM D 2979 Polyken™ Probe Tack 0.5 second dwell	19 oz (526 g)

* Different types of cardboard and corrugated material will yield varied results. B-408 is not recommended for use with wax coated corrugated cardboard.

The following testing is performed with B-408 thermal transfer printed using a Brady Series R6100 ribbon. Samples laminated to glass, stainless steel, polypropylene, smooth ABS and cardboard panels. All samples allowed to dwell 24 hours prior to testing.

PERFORMANCE PROPERTIES	TEST METHODS	TYPICAL RESULTS
Service Temperature	30 days at 158°F (70°C)	No visible effect.
UV Light Resistance	30 days in UV Sunlighter™ 100	Not recommended for outdoor exposure. No visible effect to print.

Weatherability	ASTM G 26 30 days in Xenon Arc Weatherometer	Not recommended for outdoor exposure.
Humidity Resistance	30 days at 100°F (37°C), 95% R.H.	Labels exposed to elevated humidity conditions will have decreased adhesion to the underlying substrate. No visible effect to print.

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 applications.

Trademarks:

BradyPrinter™ is a trademark of Brady Worldwide, Inc.
Polyken™ is a trademark of Testing Machines Inc.
Sunlighter™ is a trademark of the Test Lab Apparatus Company
ASTM: American Society for Testing and Materials (U.S.A.)
All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units.

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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