

BRADY B-113 WHITE PAPER LABEL STOCK

TDS No. B-113
Effective Date: 06/11/2009

Description:

GENERAL

Print Technology: Ink Jet
Material Type: White Paper
Finish: Matte
Adhesive: Permanent Acrylic

APPLICATIONS

Brady B-113 is a multi-purpose labeling material designed for applications requiring a low cost, high quality solution for graphics, alphanumerics and barcodes.

RECOMMENDED INK

Hewlett Packard 600 Series or newer black ink.

REGULATORY

Brady B-113 is RoHS compliant to 2005/618/EC MCV amendment to RoHS Directive 2002/95/EC.

SPECIAL FEATURES

Brady B-113 provides excellent print resolution for barcode and general labeling applications in non-harsh environments.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 -Substrate -Adhesive -Total	0.0033 inch (0.0838 mm) 0.0007 inch (0.0178 mm) 0.0040 inch (0.1016 mm)
Tack	ASTM D 2979 Polyken™ Probe Tack 1 second dwell	16 oz (449 g)
Drop Shear	PSTC-7 (except use 1/2" x 1" sample)	1.6 hours
Tensile Strength and Elongation	ASTM D 1000 -Machine Direction -Cross Direction	21 lbs/in (368 N/100 mm), 3% 18 lbs/in (315 N/100 mm), 4%

The following testing is performed with B-113 printed with Hewlett Packard 600 Series black ink. Samples laminated to aluminum panels. All samples allowed to dwell 24 hours prior to testing.

PERFORMANCE PROPERTIES	TEST METHODS	TYPICAL RESULTS
High Service Temperature	30 days at 194°F (90°C)	No visible effect
Low Service Temperature	30 days at -40°F (-40°C)	No visible effect
Humidity Resistance	30 days at 100°F (37°C), 95% R.H.	No visible effect
UV Light Resistance	30 days in UV Sunlighter™ 100	No visible effect

Product testing, customer feedback, and history of similar products, support a customer performance expectation of at least **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 degrees F (27 degrees C) and 60% RH. We are confident that our product will perform well beyond this time frame. However, it remains the responsibility of the user to assess the risk of using such product. We encourage customers to develop functional testing protocols that will qualify a product's fitness for use, in their actual applications.

Trademarks:

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.)
PSTC: Pressure Sensitive Tape Council (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.

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