

## BRADY B-122 PAPER LABEL STOCK

TDS No. B-122

Effective Date: 04/17/2020

### Description:

#### GENERAL

**Print Technology:** Dot Matrix

**Material Type:** White Paper

**Finish:** Matte

**Adhesive:** Permanent Acrylic

#### APPLICATIONS

General purpose material for permanent write-on or printable labels.

#### RECOMMENDED RIBBONS

Brady Series R5000

#### 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](http://www.bradycanada.ca/weee-rohs)

In Europe: [www.bradyeurope.com/rohs](http://www.bradyeurope.com/rohs)

In Japan: [www.brady.co.jp/products/labelsuse/rohs](http://www.brady.co.jp/products/labelsuse/rohs)

All other regions: [www.bradyid.com/weee-rohs](http://www.bradyid.com/weee-rohs)

### Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 Total (excluding liner)	0.0038 inch (0.097 mm)
Adhesion to:	ASTM D 1000	
-Stainless Steel	20 minute dwell 24 hour dwell	Label destroys upon removal after both 20 minutes and 24 hours.
-Polypropylene	20 minute dwell 24 hour dwell	Label destroys upon removal after both 20 minutes and 24 hours.
-Textured ABS	20 minute dwell 24 hour dwell	Label destroys upon removal after both 20 minutes and 24 hours.
Tensile Strength and Elongation	ASTM D 1000 -Machine Direction -Cross Direction	41.0 lbs/in (718 N/100 mm), 2.0% 18.8 lbs/in (329 N/100 mm), 5.6%
Application Temperature	Lowest application temperature to stainless steel	40°F (4°C)

B-122 samples tested for Performance Properties printed with the Brady Series R5000 ribbon.

PERFORMANCE PROPERTIES	TEST METHODS	TYPICAL RESULTS
Long Term High Service Temperature	30 days at 193°F (90°C)	No visible effect to print, slight discoloration of material.
Long Term Low Service Temperature	30 days at -40°F (-40°C)	No visible effect to print or material.
Humidity Resistance	30 days at 100°F (37°C), 95% R.H.	No visible effect to print or material.
UV Light Resistance	30 days ASTM G155, Cycle 1 dry	No visible effect to printing, slight discoloration of material.

### Shelf Life:

Shelf life is one year 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.)

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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