

BRADY B-759 PAPER LASERTAB® MARKER

TDS No. B-759
Effective Date: 02/13/2019

Description:

GENERAL

Print Technology: Laser Printable

Material Type: Paper

Finish: Matte

Adhesive: Permanent Acrylic

APPLICATIONS

B-759 is a multi-purpose labeling material where applications require a low cost solution, but still require quality graphics and bar codes.

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-759 provides for excellent toner adhesion and adhesive free processing through the high heat fusing of most laser printers.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 -Substrate -Adhesive -Total (excluding liner)	0.0030 inch (0.0762 mm) 0.0006 inch (0.0152 mm) 0.0036 inch (0.0914 mm)
Adhesion to: -Stainless Steel -Polypropylene	ASTM D 1000 20 minute dwell	Fiber tear upon removal from all listed surfaces.
Tack	ASTM D 2979 Polyken™ Probe Tack (0.5 second dwell, 1 cm/sec separation)	25 oz (700 g)
Tensile Strength	ASTM D 1000 -Machine direction -Cross direction	29 lbs/inch (508 N/100 mm) 21 lbs/inch (368 N/100 mm)
Application Temperature	Lowest application temperature to stainless steel	25°F (-4°C)

Performance properties were tested on B-759 printed on a laser jet printer. Printed samples were laminated to aluminum and allowed to dwell 24 hours before exposure to the indicated environmental conditions.

PERFORMANCE PROPERTIES	TEST METHOD	TYPICAL RESULTS
Short Term High Service Temperature	15 minutes at various temperatures	No visible effect at 160°C, slight label discoloration at 200°C
Long Term High Service Temperature	30 days at various temperatures	No visible effect at 90°C, at 110°C label discolors slightly but still functional
Low Service Temperature	30 days at -94°F (-70°C)	No visible effect
Humidity Resistance	30 days at 100°F (37°C) and 95% R.H.	No visible effect
UV Light Resistance	30 days in UV Sunlighter™ 100	No visible effect
Abrasion Resistance	Taber Abraser, CS-10 grinding wheels, 500 g/arm (Fed. Std. 191A, Method 5306)	Print legible to 250 cycles

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:

Lasertab® is a registered 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.)

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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