

BRADY B-746 LASER PRINTABLE PAPER

TDS No. B-746
Effective Date: 07/01/2011

Description:

Brady B-746 is a paper with an acrylic pressure sensitive adhesive and a printable coating specially formulated for laser printers and toners.

Details:

Use:

B-746 is designed for printing signs and labels used for safety, maintenance and general markings within a facility.

Special Properties:

As a material formulated for laser printers, the result is high resolution, smudge resistance and moderate to high temperature performance.

Adhesive Type:

Pressure sensitive acrylic

Substrate Type:

Paper

Standard Material Color:

White

Thickness (PSTC-33):

Total: 0.00425 in. (0.108mm)

Adhesive Properties:

Adhesion to Steel (PSTC-1)
15 Minute Dwell (Avg.) -- Destroyed upon removal
Ultimate Dwell (72 Hrs.) (Avg.) -- N/A
Tack (ASTM D 2979) (Avg.) -- 648 g (6.29 N)
Drop Shear (PSTC-7) (Avg.) -- 9.7 hours

Abrasion Resistance (Method 5306 of U.S. Federal Test Method Std. No. 191A):

CS-10 wheels, 250 g wts.
Toner withstands up to 150 cycles
Preprint withstands up to 300 cycles
Substrate withstands over 3,000 cycles

Minimum Application Temperature:

+25°F (-4°C)

Service Temperature:

-65°F to +200°F (-54°C to +93°C)

Average Outdoor Durability:

Not recommended for outdoor use.

Chemical Resistance:

No exposure recommended unless overlaminated.

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°F (27°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:

Signmark® is a registered trademark of Brady Worldwide, Inc.
ASTM: American Society for Testing and Materials (U.S.A.)
Fed. Spec.: United States Federal Specification (U.S.A.)
PSTC: Pressure Sensitive Tape Council (U.S.A.)
All S.I. Unites (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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