

## BRADY B-746 LASER PRINTABLE PAPER

TDS No. B-746  
Effective Date: 11/07/2017

### **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.

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:**

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.

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