

Label with ID



See Page 2 on Label Material and Adhesive Properties



## Technical Data Sheet

### BRADY B-595 VINYL FILM WITH PERMANENT ADHESIVE

TDS No. B-595  
Effective Date: 08/31/2011

#### **Description:**

Brady B-595 indoor/outdoor marking film is a high gloss, durable, flexible, pressure sensitive adhesive product, designed for use in cartridge form with BBP® 31 Sign and Label Printer, GlobalMark™ Industrial Label Maker, MiniMark™ Industrial Label Printer, PowerMark® Sign and Label Maker, Labelizer® Plus Sign and Label Maker, VersaPrinter™ Sign and Label Maker, BMP® 71 Label Printer, BMP® 21 Label Printer, IDXPERT™ Labeling Printer, and the HandiMark® Portable Label Maker.

#### **Details:**

##### **Use:**

B-595 is used for Pipemarkers, Arrow Tape, Warehouse Marking, Warning Panels, Safety Signs, Arc Flash and Visual Workplace labels.

Brady B-595 is RoHS compliant to 2005/618/EC MCV amendment to RoHS Directive 2002/95/EC.

#### **Special Properties:**

Permanent acrylic pressure sensitive adhesive can be applied at cold temperature.

#### **Substrate Type:**

Vinyl film

#### **Standard Material Colors:**

White, red, yellow, green, blue, orange, black, gray, brown, gold, purple, and clear

#### **Standard Legend Colors:**

Black, white, red, green, blue, yellow, orange and magenta

#### **Thickness (PSTC-33):**

Total: 0.004 in. (0.10mm)

#### **Adhesive Properties:**

Adhesion to Steel (PSTC-101)

15 Minute Dwell (Avg.) -- 80 oz/in. (87.5 N/100mm)

Ultimate Dwell (72 Hrs.) 85 oz/in. (93 N/100mm)

Tack (ASTM D 2979) (Avg.) 1100 g (10.5 N)

Adhesion to Powder Coated Metal (PSTC-101)

15 Minute Dwell (Avg.) 60 oz/in (65 N/100mm)

Ultimate Dwell (72 Hrs.) 75 oz/in (82 N/100mm)

Adhesion to Polypropylene (PSTC-101)

15 Minute Dwell (Avg.) 60 oz/in (65 N/100mm)

Adhesion to Textured ABS (PSTC-101)

15 Minute Dwell (Avg.) 37 oz/in (40 N/100mm)

Adhesion to Glass (PSTC-101)

15 Minute Dwell (Avg.) 82 oz/in (90 N/100mm)

- **Note** - B-595 is not recommended for Bare Concrete or Unpainted Wood

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

CS-10 wheels, 500 g wts.

The printed legend withstands up to 250 cycles