

**BRADY B-837 HEAVY DUTY ENCAPSULATED TAGS**

TDS No. B-837  
Effective Date: 07/24/2009

**Description:**

Brady B-837 is printed paper sealed in a write on matte finish polyester pouch with a 3/8" grommet.

**Details:**

**Use:**

Brady B-837 is used for lockout and tagout identification. The 3/8" brass grommet is for added strength and is large enough to accept most locks. The polyester laminate protects the graphics, wipes clean, and withstands water, grease, and extreme temperatures. The write-on matte finish allows workers to personalize tags with pen, pencil, and marker. The heavy duty construction prevents accidental removal.

**Special Properties:**

Meets OSHA 50 lb. pull-out requirement.

**Substrate Type:**

Heavy duty polyester and paper

**Standard Material Color:**

White, yellow, blue, green, red, fluorescent orange, fluorescent red, fluorescent green and chartreuse

**Standard Legend Colors:**

Black, red, blue, green, orange and process for Photo ID

**Thickness (ASTM D 1593-09):**

Total: 0.020 - 0.025 in. (0.51 mm - 0.64 mm)

**Pullout Strength (ASTM D-638-08)**

Meets 50# OSHA requirement

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

H-22 wheels, 1000 g weights  
Polyester laminate withstands up to 17000 cycles  
Legend withstands up to 15000 cycles

**Gloss (60°):**

3.9 Gardner Units

**Service Temperature:**

-40°F to 175°F (-40°C to 80°C)

**Average Outdoor Durability:**

Up to 2 years (Average expected outdoor life of product will depend on user definition of failure and climatic conditions.)

**Chemical Resistance:**

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	NE	NE	NE
10% Sulfuric Acid	NE	NE	NE
30% Hydrochloric Acid	NE	NE	NE
10% Hydrochloric Acid	NE	NE	NE
50% Sodium Hydroxide	F	NE	NE
10% Sodium Hydroxide	F	F	NE
Methyl Ethyl Ketone	NE	NE	NE
Acetone	NE	NE	NE
Methanol	NE	NE	NE

IPA (Isopropanol)	NE	NE	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	NE	NE	NE
Toluene	F	NE	NE
Mineral Spirits	NE	NE	NE
Glacial Acetic Acid	NE	NE	NE
5% Acetic Acid	NE	NE	NE
Diesel Fuel	NE	NE	NE
Heptane	NE	NE	NE
5% Sodium Hypochlorite	NE	NE	NE
10% Sodium Hypochlorite	NE	NE	NE
10% Ammonia	NE	NE	NE
Turpentine	NE	NE	NE
Kerosene	NE	NE	NE
Water	NE	NE	NE
Gasoline	F	NE	NE

NE = No Effect

F = Failed (affected Sample)

7 Day Immersion: Immersed in reagent for 7 days.

Dip Test: Five 10 minute dips in reagent with 30 minute recovery.

Rub Test: Rubbed sample for 1 minute with swab soaked in reagent.

**Shelf Life:**

Unlimited when stored at 70°F (21°C) and 40% to 50% R.H.

**Trademarks:**

Alconox® is a registered trademark of Alconox Co.

Signmark® is a registered trademark of Brady Worldwide, Inc.

ASTM: American Society for Testing and Materials (U.S.A.)

OSHA: Occupational Safety & Health Administration

SAE: Society of Automotive Engineers (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.

---

Brady North America | 6555 W. Good Hope Rd | Milwaukee, WI 53223 | USA | Tel: 414-358-6600 | Fax: 800-292-2289