

**BRADY B-995 DIAMOND GRADE(TM) FLUORESCENT LDP REFLECTIVE TRAFFIC SIGNS**

TDS No. B-995  
Effective Date: 09/20/2007

**Description:**

Brady B-995 is Diamond Grade™ Florescent LDP Reflective sheeting applied to an aluminum sign panel.

**Details:**

**Use:**

Brady B-995 Diamond Grade™ Fluorescent LDP Reflective Traffic Signs are used for traffic control.

**Relevant Standards:**

Conforms to MUTCD

**Substrate Type:**

Diamond grade reflective sheeting on aluminum.

**Standard Material Colors:**

Florescent Yellow-Green, White

**Standard Legend Colors:**

Black

**Thickness (PSTC-33):**

.097 in. (2.5 mm)

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

CS10 wheels, 250g. weight  
Legend withstands 600 cycles

**Gloss (ASTM D523):**

20° - 99 gloss units

**Reflectivity:**

Meets ASTM E-810 for coefficient of retroreflection and ASTM E-811 for nighttime color.

**Service Temperature:**

-40°F to 212°F (-40° to 100°C)

**Average Outdoor Durability:**

Up to 7 years outdoors (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	F	F	NE
10% Hydrochloric Acid	F	F	NE
Glacial Acetic Acid	F	F	F
5% Acetic Acid	NE	NE	NE
50% Sodium Hydroxide	F	F	NE
10% Sodium Hydroxide	F	F	NE
10% Ammonia	F	NE	NE
5% Sodium Hypochlorite	NE	NE	NE
Methyl Ethyl Ketone	F	F	F
Acetone	F	F	F

Toluene	F	F	F
1,1,1 - Trichloroethane	F	F	F
Methanol	F	F	F
Isopropyl Alcohol	NE	NE	NE
Heptane	NE	NE	NE
Mineral Spirits	NE	NE	NE
Turpentine	NE	NE	NE
Kerosene	NE	NE	NE
Diesel Fuel	NE	NE	NE
Gasoline	NE	NE	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
10% Sodium Chloride	NE	NE	NE
Alconox®	NE	NE	NE
Water	NE	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:**

Diamond Grade™ is a trademark of 3M

Alconox® is a registered trademark of Alconox Co.

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

Fed. Spec.: United States Federal Specification (U.S.A.)

SAE: Society of Automotive Engineers (U.S.A.)

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

**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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