

**BRADY B-749 ACRYLIC VALVE TAG COVER**

TDS No. B-749  
 Effective Date: 11/07/2017

**Description:**  
 Brady B-749 is a clear, durable, replaceable, injection molded acrylic cover.

**Details:**



**Use:**  
 Brady B-749 is designed for use with the Brady B-748 Valve Tags, protecting them from paint, overspray, process overspill and other general debris, allowing the tags to remain clean and legible.

**Resin:**  
 Impact modified acrylic

- Standard Style Options:**
1. Pull-down sheath for the Hanging style tag
  2. Hinged door for the Pipe Mounted style tag

**Standard Material Color:**  
 Clear

**Impact Strength:**  
 Falling Dart  
 6 in. x 6 in. x 1/8 in. specimen clamped  
 3 lb. dart, 1/4 in. radius: 7 ft.-lb.

Gardner (ASTM D 3029)  
 2 in. x 3 in. x 1/8 in. specimen  
 4 lb. dart, 1/4 in. radius: 30 in.-lb.

**Abrasion Resistance (Method 5306 of U.S. Federal Test Method Std. No. 191A):**  
 CS-10 wheels, 500 g wts.  
 Withstands over 15,000 cycles.

**Service Temperature:**  
 -40°F to 160°F (-40°C to 71°C)

**Average Outdoor Durability:**  
 5-8 years (Average expected outdoor life of product will vary with climate, mounting techniques, and other environmental exposures.)

**Chemical Resistance:**

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	NE	NE	NE
10% Sulfuric Acid	NE	NE	NE
30% HCl	NE	NE	NE

10% HCl	NE	NE	NE
50% NaOH	NE	NE	NE
10% NaOH	NE	NE	NE
Methyl Ethyl Ketone	F	F	F
Acetone	F	F	F
1,1,1-Trichloroethane	F	F	NE
Methanol	F	F	NE
IPA (Isopropanol)	NE	NE	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	NE	NE	NE
Toluene	F	F	NE
Mineral Spirits	NE	NE	NE
Glacial Acetic Acid	F	F	F
5% Acetic Acid	NE	NE	NE
Diesel Fuel	NE	NE	NE
Heptane	F	F	NE
Cellosolve Acetate	F	F	NE
Conc. Ammonia	NE	NE	NE
10% Ammonia	NE	NE	NE
Turpentine	F	NE	NE
Kerosene	NE	NE	NE
Water	NE	NE	NE
Gasoline	NT	NT	NT
20% Sodium Carbonate	NE	NE	NE
2% Sodium Carbonate	NE	NE	NE
10% NaCl	NE	NE	NE

NE = No Effect

NT = Not Tested

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:**

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

**Trademarks:**

Alconox® is a registered trademark of Alconox Co.

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

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.

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