

**Brady B-961 Vinyl Banner Products**

TDS No. B-961

Effective Date: January 17, 2018

**Description:**

Brady B-961 vinyl banners are constructed of long lasting vinyl banner stock with hemmed edges and grommeted corners with braided nylon rope.

**Details:**

**Use:**

Brady B-961 banners are designed for use in light duty industrial, utility, commercial, and institutional environments.

**Substrate Type:**

Vinyl coated banner stock

**Standard Material Colors:**

White

**Standard Legend Colors:**

Black, yellow, blue, green, red, orange, purple, white

**Thickness (PSTC-133):**

0.013" (0.33 mm)

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

CS-10 wheels, 500g wts.

Legend withstands up to 600 cycles.

**Gloss (ASTM D 523):**

60° 10 Gardner Units

**Service Temperature:**

-40°F to 158°F (-40°C to 70°C)

**Average Outdoor Durability:**

1-2 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% HCl	NE	NE	NE
10% HCl	NE	NE	NE
50% NaOH	NE	NE	NE
10% NaOH	F	NE	NE
Glacial Acetic Acid	F	F	F
5% Acetic Acid	NE	NE	NE
10% Ammonia	NE	NE	NE
5% Sodium Hypochlorite	NE	NE	NE
Methyl Ethyl Ketone	F	F	F

Acetone	F	F	F
Toluene	F	F	F
Methanol	F	NE	F
IPA (Isopropanol)	F	NE	F
Heptane	F	F	F
Mineral Spirits	F	F	F
Turpentine	F	F	F
Kerosene	F	F	F
Diesel Fuel	F	F	F
Gasoline	F	F	F
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
10% Sodium Chloride	NE	NE	NE
Alconox®	NE	NE	NE
Deionized Water	NE	NE	NE

NE = No Effect

F = Failed (affected sample)

7 Day Immersion Test: 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:**

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:**

Alconox® is a registered trademark of Alconox Co.

**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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