

BRADY B-300

TDS No. B-300
Effective Date: 09/15/2025

Description:

Brady B-300 are plenum-rated duct and pipe markers with detached arrow.

Details:



Use:

Brady B-300 is used for duct markers and pipe markers.

Special Features

Brady B-300 plenum-rated duct and pipe markers are classified as Class 1 or Class A in accordance with ASTM E84 Standard Method of Test for Surface Burning Characteristics of Building Materials.

Substrate Type:

Aluminum

Standard Material Colors:

Gray, green, orange, red, natural and yellow

Thickness (PSTC-33):

Total: .0048" (1.78mm)

Adhesive Properties:

Adhesion to Stainless Steel (PSTC-101)

15 Minute Dwell to stainless steel (Avg.) – 42 oz/in (46 N/100mm)

Ultimate Dwell to stainless steel (Avg.) – 57 oz/in (62 N/100mm)

15 Minute Dwell to polypropylene (Avg.) – 34 oz/in (37 N/100mm)

Ultimate Dwell to polypropylene (Avg.) – 39 oz/in (43 N/100mm)

15 Minute Dwell to textured ABS (Avg.) – 18 oz/in (20 N/100mm)

Ultimate Dwell to textured ABS (Avg.) – 23 oz/in (25 N/100mm)

Abrasion Resistance (ASTM D4060-14):

CS-10 wheels, 250g wts.

Legend withstands up to 500 cycles

Gloss (60°)

8 units

Minimum Application Temperature

50°F (10° C)

Service Temperature

-40°F to 350°F (-40°C to 177°C)

Material discolors to a brownish/gold color at 320°F (160°C)

Chemical Resistance:

Reagent	7 Day Immersion Impact to Product
30% Sulfuric Acid	Not Tested
30% Hydrochloric Acid	Note Tested
50% Sodium Hydroxide	Not Tested
10% Ammonia	Significant Visible Effect
5% Sodium Hypochlorite	Some Visible Effect
Methyl Ethyl Ketone	Complete Failure
Acetone	Complete Failure
Isopropanol (IPA)	Significant Visible Effect
Mineral Spirits	No Visible Effect
Gasoline	Significant Visible Effect
SAE 20 Oil	No Visible Effect
5% Alconox®	Significant Visible Effect

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 applications.

Trademarks:

Alconox® is a registered trademark of Alconox Co.

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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