

Brady B-950 High Performance Vinyl Marking Tape

TDS No. B-950
Effective Date: 11/19/2010

Description:

Brady B-950 is a high gloss, durable, flexible, indoor/outdoor marking film with pressure sensitive adhesive.

Details:

Use:

Safety marking of obstructions, low hanging objects, pillars, passageways, aisles, and any other potentially hazardous areas or objects.

Adhesive Type:

Rubber based pressure sensitive adhesive

Substrate Type:

Encapsulated vinyl

Standard Material Colors:

Black & Yellow, Black & White, Red & White, Magenta & Yellow, Green & White

Thickness (PSTC-33):

0.006 (0.15mm)

Adhesive Properties:

Adhesion to Stainless Steel (PSTC-101)
15 Minute Dwell (Avg.) - 30 oz/in (33 N/100mm)
Ultimate Dwell (72 hrs.) (Avg.) - 45 oz/in (49 N/100mm)

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

CS-17 Wheels, 1000g wts.
Substrate withstands up to 4,200 cycles

Gloss (60° Gardner):

89

Minimum Application Temperature:

50°F (10°C)

Service Temperature:

-40°F to 176°F (-40°C to 80°C)

Average Outdoor Durability:

1-2 years (Average expected outdoor life of product will depend on user definition of failure and climatic conditions, mounting techniques and material color.)

Chemical Resistance:

	7 DAY IMMERSION	DIP TEST
30% Sulfuric Acid	NE	NE
10% Sulfuric Acid	NE	NE
30% Hydrochloric Acid	NE	NE
10% Hydrochloric Acid	NE	NE
Glacial Acetic Acid	F	F
5% Acetic Acid	NE	NE
50% Sodium Hydroxide	NE	NE
10% Sodium Hydroxide	NE	NE
10 % Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
Methyl Ethyl Ketone	F	F
Acetone	F	F

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

NE = No Effect

F = Failed (affected sample)

Product testing, customer feedback, and history of similar products, support a customer performance expectation of at least **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*. We are confident that our product will perform well beyond this time frame. However, it remains the responsibility of the user to assess the risk of using such product. We encourage customers to develop functional testing protocols that will qualify a product's fitness for use in their actual applications.

Trademarks:

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

Alconox® is a registered trademark of Alconox Co.

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

PSTC: Pressure Sensitive Tape Council (U.S.A.)

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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