

BRADY B-879 BRADY TRACK RESILIENT TAPES

TDS No. B-879
 Effective Date: 05/24/2004

Description:

Brady B-879 Brady Track Resilient Tape is an indoor/outdoor embossed anti-slip film with a permanent pressure sensitive adhesive.

Details:

Use:

Brady B-879 ideal for lab facilities, food processing plants or anywhere good traction is needed such as steps and slick floors.

Relevant Standards:

B-879 meets ASTM D1894-95 Kinetic Coefficient of Friction.

Adhesive Type:

Permanent pressure sensitive acrylic

Substrate Type:

Embossed vinyl film

Standard Material Colors:

Black and Gray

Thickness (PSTC-33):

0.024 in. +/- 3% (0.61 mm)

Adhesive Properties:

Adhesion to Steel (PSTC-1)
 15 Minute Dwell (Avg.) -- 43 oz/in (47 N/100mm)
 Ultimate Dwell (72 Hrs.) (Avg.) -- 74 oz/in (81 N/100mm)
 Tack (ASTM D 2979) (Avg.) -- 1072 g (10.5 N)

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

H-22 wheels, 1000 g wts.
 Withstood up to 150 cycles.

Minimum Application Temperature:

50°F (10°C)

Service Temperature:

-40°F to 193°F (-40°C to 90°C)

Average Outdoor Durability:

3-5 years (Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material color.)

Chemical Resistance:

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REAGENT	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	F	NE
50% Sodium Hydroxide	NE	NE

10% Sodium Hydroxide	NE	
10% Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
Methyl Ethyl Ketone	F	F
Acetone	F	F
Toluene	F	F
1,1,1 - Trichloroethane	F	F
Methanol	F	NE
Isopropyl Alcohol	F	NE
Heptane	F	NE
Mineral Spirits	F	NE
Turpentine	F	NE
Kerosene	NE	NE
Diesel Fuel	NE	NE
Gasoline	F	NE
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
10% Sodium Chloride	NE	NE
Alconox®	F	NE
Water	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.

Shelf Life:

1 year 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.)

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

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

SAE: Society of Automotive Engineers (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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