

BRADY B-916 ANTI-SKID TAPE

TDS No. B-916
 Effective Date: 11/15/2010

Description:
 Brady B-916 is an indoor/outdoor anti-skid tape, with a permanent pressure sensitive adhesive.

Details:



Use:
 Brady B-916 is used for traction on steps, slick floors, and egress pathway marking.

Adhesive Type:
 Permanent pressure sensitive acrylic

Substrate Type:
 Plastic film

Standard Material Colors:
 White, black, yellow, red, and clear

Thickness (PSTC-33):
 Total: 0.026 in. (0.66mm)

Adhesive Properties:
 Adhesion to Steel (PSTC-1)
 15 Minute Dwell (Avg.) -- 93 oz/in (100 N/ 100mm)
 Ultimate Dwell (72 Hrs.) (Avg.) -- 112 oz/in (121 N/ 100mm)
 Tack (ASTM D 2979) (Avg.) -- 1500 g (14.6 N)

Abrasion Resistance (Method 5306 of U.S. Federal Test Method Std. No. 191A):
 H-22 wheels, 1000 g wts.
 Withstood up to 70 cycles.

Minimum Application Temperature:
 50°F (10°C)

Service Temperature:
 -40°F to 158°F (-40°C to 70.0°C)

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

Chemical Resistance:

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

50% NaOH	NE	NE
10% NaOH	NE	NE
Methyl Ethyl Ketone	F	F
Acetone	F	F
Methanol	F	F
IPA (Isopropanol)	NE	NE
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
Alconox®	NE	NE
Toluene	F	F
Mineral Spirits	F	F
Glacial Acetic Acid	F	F
5% Acetic Acid	NE	NE
Diesel Fuel	NE	NE
Heptane	F	F
10% Ammonia	NE	NE
Turpentine	F	F
Kerosene	NE	NE
Water	NE	NE
Gasoline	F	F
5% Sodium Hypochlorite	NE	NE
10% Sodium Chloride	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.

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:

Alconox® is a registered trademark of Alconox Co.

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

PSTC: Pressure Sensitive Tape Council (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.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

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Brady North America | 6555 W. Good Hope Rd | Milwaukee, WI 53223 | USA | Tel: 414-358-6600 | Fax: 800-292-2289