

NON SLIP ROLL TAPE FOR IBC

TDS No. B-982
Effective Date: 11/19/2010

Description:

Brady B-982 BradyGlo™ High Intensity Anti-Slip Floor Material is a glow-in-the-dark (photoluminescent) pressure sensitive adhesive coated anti-slip egress marker designed to meet International Building Code.

Details:

Use:

Brady B-982 BradyGlo™ High Intensity Anti-Slip Floor Material is used for signs and tape, such as: low-level exit path markings, floor mounted signs, steps, leading edge of landings, and floor perimeter demarcation lines.

Substrate Type:

Phosphorescent polyester film overlaminated with a velvet embossed rigid clear vinyl overlaminate.

Brady B-982 is used for exit low location egress pathway markings, and directional systems for escape or evacuations routes. In accordance with ASTM 2030-99: Recommended Uses of Photoluminescent Safety Markings meets International Building Code.

Relevant Standards:

IBC 2009

IFC 2009

NFPA 101-2009

NFPA 170-2009

ASTM E2073

Inherent Properties:

Brady B-982 is a non-toxic, non-radioactive, explosion safe (does not generate energy to induce explosions) material allowing for sanitary disposal.

Illuminescent Characteristics:

1 foot candles (11lux) of fluorescent illumination for 60 minutes, and the minimum luminance shall be 30 milicandelas per square meter at 10 minutes and 5 milicandelas per square meter after 90 minutes. Exit enclosures where photoluminescent exit path markings are installed shall be provided with the minimum means of egress illumination, for at least 60 minutes prior to periods when the building is occupied.

Adhesive Type:

Pressure Sensitive Synthetic Rubber

Adhesive Properties (PSTC-101):

Adhesion to Stainless Steel (PSTC-1)
15 Minute Dwell (Avg.) -- 168 oz/in. (184 N/100mm)
Ultimate Dwell (72 Hrs.) (Avg.) -- 190 oz/in. (208 N/100mm)

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

H-22 wheels, 1000 g wts.
Overlaminates withstands up to 7000 cycles

Gloss:

12 Gardner Units

Thickness (PSTC-133):

0.021 in. (.53 mm)

Minimum Application Temperature:

50°F (10°C)

Service Temperature:

-40°F to 140°F (-40°C to 60°C)

Outdoor Applications:

Not recommended for outdoor application.

Chemical Resistance:

Chemical	7 Day Immersion	Dip Test
30% Sulfuric Acid	F	NE
10% Sulfuric Acid	F	NE
30% Hydrochloric Acid	F	F
10% Hydrochloric Acid	NE	F
Glacial Acetic Acid	F	F
5% Acetic Acid	NE	NE
50% Sodium Hydroxide	F	NE
10% Sodium Hydroxide	F	NE
10% Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
10% Sodium Chloride	NE	NE
MEK	F	F
Acetone	F	F
Toluene	F	F
Methanol	NE	NE
Isopropyl Alcohol	F	NE
Heptane	F	NE
Mineral Spirits	F	NE
Turpentine	F	NE
Diesel Fuel	F	NE
Kerosene	F	NE
Gasoline	F	F
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
Alconox®	F	NE
Water	NE	NE
Formula 409® Cleaner	NE	NE

NE = No Effect

F = Failed

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:

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

Alconox® is a registered trademark of Alconox Co.

BradyGlo™ is a trademark of Brady Worldwide, Inc.

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

Formula 409® is a registered trademark of the Chlorox Company

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

SAE: Society of Automotive Engineers (U.S.A.)

UL: Underwriters Laboratories Inc. (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.

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 products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

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