



Technical Data Sheet

Brady B-128 Photoluminescent Conformable Tape

TDS No. B-128
Effective Date: 05/13/2025

Description:

Brady B-128 is a conformable, glow-in-the-dark (photoluminescent) tape with a pressure sensitive adhesive.

Details:

Use:

Brady B-128 is used for egress markings, specifically for stairwells and doors, to mark escape and evacuation routes. Its conformability makes it optimal for application to non-flat surfaces like stairwell rails.

Relevant Standards:

Meets or exceeds the following standards. ASTM E-2072-24 / ASTM E-2073-24, IMO Resolution A.752(18), ISO/CD 15370, DIN 67 510 (Parts 1 - 4), EU Marine Equipment Directive, PSPA Class D, UL 1994.

Illuminescent Characteristics:

Charge time of 5 minutes @ 1000 Lux will charge the tape for +24 hours of glow time. Consistent glow life and unlimited rechargeability throughout service life.

Illumination: 1000 Lux (93 foot-candles) for 5 minutes with a Xenon bulb.

Luminance (after illumination):

10 minutes > 303 mcd/m²

60 minutes > 36 mcd/m²

Adhesive Type:

Acrylic

Substrate Type:

Polyester

Standard Material Colors:

Green

Thickness:

0.010 in. (0.25 mm)

Adhesive Properties:

Adhesion to Stainless Steel (PSTC-101)

15 Minute Dwell (Avg.) – 155 oz/in (17.0 N/10 mm)

Ultimate Dwell (24hrs) (Avg.) - 190 oz/in (21.0 N/10 mm)

Service Temperature:

-20°F to 122°F (-29°C to 50°C)

Average Outdoor Durability:

Not recommended for outdoor use.

Chemical Resistance:

Reagent	1 hour Immersion Impact to Product
25% Sulfuric Acid	Some Visible Effect
5% Sodium Hypochlorite	No Visible Effect
10% Sodium Chloride	No Visible Effect
Methyl Ethyl Ketone	Complete Failure
Isopropyl Alcohol	No Visible Effect
Mineral Spirits	No Visible Effect
Diesel Fuel	No Visible Effect
Gasoline	No Visible Effect
Water	No Visible Effect

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 application.

Trademarks:

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

All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units

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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