

BRADY B324 BRADYGLO™ SELF-STICKING Vinyl

TDS No. B324

Effective Date: 1/9/2026

Description:

Brady B324 BradyGlo™ material is a glow-in-the-dark (photoluminescent) film with a permanent pressure sensitive acrylic adhesive.

Use:

Brady B324 is used for directional egress pathway markings and fire safety signage, including exit and directional signs, identification of fire alarms and extinguishers.

Relevant Standards:

Meets or exceeds the following standards: ASTM E2072-00, IMO Resolution A.752(18), ISO 15370, DIN 67510, and PSPA Class C.

Luminescent Characteristics:

Charge time of 5 minutes with Xenon Lamp at 1000 lux:

Typical values: 150 mcd/m² after 10 min, 23 mcd/m² after 60 min.

Adhesive Type:

Pressure Sensitive Acrylic

Substrate Type:

Phosphorescent Vinyl Film

Standard Legend Colors:

Black, green, red and blue

Thickness (PSTC-133):

0.011 inches (0.28 mm)

Adhesive Properties:

Adhesion to Stainless Steel (PSTC101)

15 Minute Dwell (Avg.) 120 oz/in

Ultimate Dwell (72hrs) (Avg.) 120 oz/in

Abrasion Resistance (ASTM D 4060):

CS10 Wheels, 250g wts.

Legend withstands up to 100 cycles

Gloss (85°):

(semi-gloss) 30 - 80 Gloss Units

Minimum Application Temperature:

10°F (4°C)

Service Temperature:

-40°F to 122°F (-40°C to 50°C)

Outdoor Applications:

Not recommended for outdoor application.

Chemical Resistance:

Reagent	7 Day Immersion	
	Impact to Adhesive	Impact to Print
30% Sulfuric Acid	Significant Visible Effect	No Visible Effect
30% Hydrochloric Acid	Some Visible Effect	Some Visible Effect
50% Sodium Hydroxide	No Visible Effect	No Visible Effect
10% Ammonia	No Visible Effect	Some Visible Effect
5% Sodium Hypochlorite	No Visible Effect	Some Visible Effect
MEK	Complete Failure	Complete Failure
Acetone	Complete Failure	Complete Failure
Isopropyl Alcohol	Significant Visible Effect	Significant Visible Effect
Mineral Spirits	Some Visible Effect	Some Visible Effect
Gasoline/TruFuel	Complete Failure	Significant Visible Effect
SAE 20 Oil	No Visible Effect	No Visible Effect
5% Alconox	No Visible Effect	Some 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.)

Alconox® is a registered trademark of Alconox Co.

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

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

SAE: Society of Automotive Engineers

TruFuel® is specifically 4-cycle engineered fuel

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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