

Brady B-2551 Aqueous Inkjet Receptive Tagstock

TDS Number: B-2551
Effective Date: 10-04-2017

Description:

Brady B-2551 indoor marking tag stock is an aqueous inkjet receptive, rigid, matte finish, tag product, designed for use in roll form with the BradyJet J5000 Color Label Printer.

Details:

B-2551 enables compliance if printed according to OSHA standard 1910.145 for accident prevention tags.
B-2551 enables compliance if printed and applied according to OSHA standard 1910.147 for tag out tags and lockout tags.

Special Properties:

Aqueous inkjet receptive vinyl that yields full color and high resolution graphics.

Substrate Type:

Heavy duty polyester with an inkjet receptive vinyl

Standard Material Colors:

White

Thickness:

0.0151 in. (0.384 mm)

Abrasion Resistance (ASTM D4060):

CS-10 wheels, 250 g wts.
Legend withstands up to 500 cycles.

Gloss (85°):

8.4 Units

Service Temperature:

-40°F to 140°F (-40°C to 60°C).

Pullout Strength:

With Plastic Grommet: 75 lbs
No Grommet: 60 lbs

Average Outdoor Durability:

Not recommended for outdoor use

Chemical Resistance:

Samples were printed using J50 series pigment inks with a BradyJet J5000 Color Label Printer by Brady. Recommended printer settings (Quality: Normal, Saturation: Medium Color + Black). 100% Cyan (C), Magenta (M), Yellow (Y) and Black (K) squares are printed for these tests. Testing conducted at room temperature after equilibrating samples for 24 hours post printing.

REAGENT	7 DAY IMMERSION	RUB TEST
Deionized Water	CMYK:NE	CMYK:NE
Windex® Commercial Line™ Original Glass Cleaner	CMYK: F1	CMYK:NE
10% HCl (pH 1)	CMYK:NE	CMYK:NE
10 wt% Sodium Chloride	CMYK:NE*	CMYK:NE
10% NaOH (pH 14)	CMYK:NE*	CMYK:NE*
Isopropyl Alcohol	CMYK:NE	CMYK: F2
50 wt% ethanol	CMYK:NE	CMYK:F2
Gasoline	CMYK:F3	CMYK:NE

NE = No Effect on printed sample.

NE*= Reversible change. Coating discolors, within 24 hours reverts back to original color. No Ink removal.

F1= Fail – Coating turns blue. No ink removal.

F2= Fail – Moderate-complete ink removal.

F3= Fail – No Ink removal. Delamination.

7 Day Immersion: Immersed in reagent for 7 days.

Rub Test: 100 hand rubs over a minute with a Q-tips® Cotton Swab soaked in reagent by applying minimal pressure.

Shelf Life:

Shelf Life is two years when 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.

To maintain print quality and performance, the B-2551 roll should be stored at the recommended conditions.

Trademarks:

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

Q-tips® Cotton Swabs is a registered trademark of Unilever

Windex® Commercial Line™ Original Glass Cleaner

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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