

BRADY B-551 TAG STOCK

TDS No. B-551
Effective Date: 11/05/2002

Description:

Brady B-551 is a polyester tag designed for use in cartridge form with the GlobalMark™ printer.

Details:

Use:

Brady B-551 is used for marking on-the-spot warning of dangerous conditions.

Special Properties:

Brady B-551 conforms to OSHA specification 1910.145 for accident prevention tags.

Substrate Type:

Heavy duty polyester

Standard Material Colors:

White

Standard Legend Colors:

Black, White, Red, Blue, Green, Magenta, Yellow, Orange, Process Cyan, Process Yellow, Process Magenta

Thickness (ASTM D 1593):

Total: 0.0137 in. (0.35mm)

Pullout Strength (ASTM D 638):

55 lbs.

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

CS-10 wheels, 250 g wts.
Legend withstands up to 350 cycles

Gloss (ASTM D523):

60° -53 Gardner Units

Service Temperature:

-40°F to 193°F (-40°C to 90°C)

Average Outdoor Durability:

Up to 2 years (Average expected outdoor life of product will depend on user definition of failure, climatic conditions.)

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	NE	NE	NE
10% Sulfuric Acid	NE	NE	NE
30% Hydrochloric Acid	F	NE	NE
10% Hydrochloric Acid	NE	NE	NE
Glacial Acetic Acid	F	F	F
5% Acetic Acid	NE	NE	NE
50% Sodium Hydroxide	NE	NE	NE
10% Sodium Hydroxide	F	NE	NE
10% Ammonia	NE	NE	NE
5% Sodium Hypochlorite	NE	NE	NE
Methyl Ethyl Ketone	F	F	F
Acetone	F	F	F
Toluene	F	F	F

1,1,1-Trichloroethane	F	F	F
Methanol	F	NE	NE
Isopropyl Alcohol	F	NE	NE
Heptane	F	NE	NE
Mineral Spirits	F	NE	NE
Turpentine	F	NE	NE
Kerosene	F	NE	NE
Diesel Fuel	F	NE	NE
Gasoline	F	F	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
10% Sodium Chloride	NE	NE	NE
Alconox®	F	NE	NE
Water	NE	NE	NE

NE = No Effect

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.

Rub Test: Rubbed sample for 1 minute with swab soaked in reagent.

Shelf Life

2 years when stored at 70°F (21°C) and 40% to 50% R.H.

Trademarks:

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GlobalMark™ is a trademark of Brady Worldwide, Inc.

Signmark® is a registered trademark of Brady Worldwide, Inc.

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

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

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

Note: All values shown are averages and should not be used for specification purposes.

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