

BRADY B-838 PHOTO IDENTIFICATION LAMINATED TAGS

TDS No. B-838
Effective Date: 11/13/2017

Description:

Brady B-838 is a polyester pouch with a write-on paper tag, with a designated area for an employee photo.

Details:

Use:

Brady B-838 tags are used in large facilities where employees may not recognize names. To use, sign the tag and insert employee photo in designated area, insert into overlaminating pouch and run through heat laminator to seal.

Substrate Type:

Heavy duty polyester and paper

Standard Material Color:

White

Standard Legend Colors:

Black and red

Thickness (ASTM D 1593):

Total: 0.028 in. (0.71 mm)

Tensile Strength (ASTM D 638):

270 lb/in. (4700 n/100mm)

Elongation (ASTM D 638):

30%

Stiffness (ASTM D 5342):

Machine Direction: 740 Taber Stiffness Units

Cross Direction: 605 Taber Stiffness Units

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

H-22 wheels, 1000 g weights

Polyester laminate withstands up to 19000 cycles

Gloss (60°):

90 Gardner Units

Service Temperature:

-40°F to 175°F (-40°C to 80°C)

Average Outdoor Durability:

Up to 2 years (Average expected outdoor life of product will depend on user definition of failure and 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% HCl	NE	NE	NE
10% HCl	NE	NE	NE
50% NaOH	F	NE	NE

10% NaOH	F	NE	NE
Methyl Ethyl Ketone	F	NE	NE
Acetone	F	NE	NE
1,1,1-Trichloroethane	F	NE	NE
Methanol	NE	NE	NE
IPA (Isopropanol)	NE	NE	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	NE	NE	NE
Toluene	F	NE	NE
Mineral Spirits	NE	NE	NE
Glacial Acetic Acid	NE	NE	NE
5% Acetic Acid	NE	NE	NE
Diesel Fuel	NE	NE	NE
Heptane	F	NE	NE
Cellosolve Acetate	F	NE	NE
Conc. Ammonia	NE	NE	NE
10% Ammonia	NE	NE	NE
Turpentine	F	NE	NE
Kerosene	F	NE	NE
Water	NE	NE	NE
Gasoline	F	NE	NE

NE = No Effect

NT = Not Tested

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:

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

Trademarks:

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

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

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

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

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