

BRADY B-883 HIGH PERFORMANCE / HIGH VISIBILITY LABEL CARRIER

TDS No. B-883
Effective Date: 09/17/1998

Description:

Brady B-883 is a fiberglass reinforced plastic carrier with a flat surface for adhering a pressure sensitive label.

Details:

Use:

Brady B-883 is designed for use as a strap-on marker in severe environmental conditions for pipes 8 inches and larger in diameter. Designed for use with Brady accessories B-893 clip, B-681 label and B-74 strapping.

Special Properties:

Brady B-883 is designed for use on rusty, dirty, wet, or rough pipes. Markers can be used indoors and outdoors and on horizontal and vertical pipes. When used as a pipe marker, type size and length of color field satisfy ANSI A13.1 "Scheme for the Identification of Piping Systems."

Substrate Type:

Fiberglass reinforced plastic

Standard Material Color:

White

Service Temperature:

-40°F to 248°F (-40°C to 120°C)

Average Outdoor Durability:

5-8 years (Average expected outdoor life of product will depend on user definition of failure, climatic and mounting positions.)

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

10% Ammonia	F	NE	NE
Turpentine	F	NE	NE
Kerosene	F	F	NE
Water	NE	NE	NE
Gasoline	NT	NT	NT
20% Sodium Carbonate	NT	NT	NT
2% Sodium Carbonate	F	NE	NE
10% NaCl	NE	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:

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

Trademarks:

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ANSI: American National Standards Institute (U.S.A.)
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.
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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