

BRADY B-949 HIGH INTENSITY REFLECTIVE TRAFFIC SIGNS

TDS No. B-949
Effective Date: 05/13/2024

Description:

Brady B-949 is surface printed High Intensity Reflective sheeting applied to an aluminum panel.

Details:



Use:

Brady B-949 High Intensity Reflective Traffic Signs are used for traffic control.

Substrate Type:

High Intensity reflective sheeting on aluminum

Standard Material Colors:

White, orange, and yellow

Standard Legend Colors:

Blue, black, green, and red

Thickness (PSTC-33):

Total: 0.054" (1.37mm)

Abrasion Resistance (ASTM D4060-14):

CS-10 wheels, 250g wts.
Legend withstands up to 700 cycles

Gloss (ASTM D 523)

60° - 96 gloss units

Service Temperature

-40°F to 212°F (-40°C to 100°C)

Average Outdoor Durability:

Up to 5 years (Average expected outdoor life of product will depend on user definition of failure and climatic conditions.)

Chemical Resistance:

REAGENT	RUB TEST
30% Sulfuric Acid	No Visible Effect
30% Hydrochloric Acid	No Visible Effect
50% Sodium Hydroxide	No Visible Effect
10% Ammonia	No Visible Effect

5% Sodium Hypochlorite	No Visible Effect
Methyl Ethyl Ketone	Complete Failure
Acetone	Complete Failure
Isopropanol (IPA)	No Visible Effect
Mineral Spirits	No Visible Effect
Gasoline	No Visible Effect
SAE 20 Oil	No Visible Effect
5% Alconox®	No Visible Effect

Shelf Life

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

Trademarks:

Alconox® is a registered trademark of Alconox Co.

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.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representation or warranties, express or implied, and assumes no liability in connection with the use of this information.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligations under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

Copyright 2024 Brady Worldwide, Inc. | All Rights Reserved
Material may not be reproduced or distributed in any form without written permission

Brady North America | 6555 W. Good Hope Road | Milwaukee, WI 53223 | USA | Tel: 414-358-6600 | Fax: 800-292-2289