Technical Data Sheet

BRADY B959 HIGH INTENSITY REFLECTIVE TRAFFIC SIGN WITH PROTECTED GRAPHICS

TDS No. B-959
Effective Date: 7/23/2025

Description:
Brady B959 High Intensity Reflective Traffic Sign is a reflective sheeting applied to an aluminum sign panel with protected graphics.

Details:



Use:
Brady B959 High Intensity Reflective Traffic Signs with protected graphics are used for traffic control.

Substrate Type:
High intensity reflective sheeting on aluminum

Standard Material Colors:
White, orange and yellow

Standard Legend Colors:
Black, Blue, Green and Red

Thickness (PSTC-33):
Total: 0.055" to 0.076" (1.39mm to 1.93mm)

Abrasion Resistance (ASTM D 4060):
CS10 wheels, 250g. weight
Legend withstands up to 1300 cycles

Gloss (60°):
70 units

Service Temperature:
-40°F to 212°F (-40° to 100°C)

Average Outdoor Durability:
8 10 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	NT	NT	NE
10% Sulfuric Acid	NT	NT	NE
30% Hydrochloric Acid	NT	NT	NE
10% Hydrochloric Acid	NT	NT	NE
Glacial Acetic Acid	NT	NT	NE
5% Acetic Acid	NE	NE	NE
50% Sodium Hydroxide	NT	NT	NE
10% Sodium Hydroxide	NT	NT	NE
10% Ammonia	NE	NE	NE
5% Sodium Hypochlorite	NE	NE	NE

Methyl Ethyl Ketone	F	F	NE
Acetone	F	F	NE
Toluene	F	F	NE
Methanol	NE	NE	NE
Isopropyl Alcohol	NE	NE	NE
Heptane	NE	NE	NE
Mineral Spirits	NE	NE	NE
Turpentine	NE	NE	NE
Kerosene	NE	NE	NE
Diesel Fuel	NE	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®	NE	NE	NE
Water	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
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.)
Fed. Spec.: United States Federal Specification (U.S.A.)
MUTCD:Manual on Uniform Traffic Control Devices
PSTC: Pressure Sensitive Tape Council (U.S.A.)
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Note: All values shown are averages and should not be used for specification purposes.
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