

BRADY B-920 SOLAR LABELS

TDS No. B-920

Effective Date: 11/08/2021

Description:

Brady B920 Solar Labels

Details:



Use:

B-920 is used for identification around solar panel installation sites in outdoor environments.

Material Construction

Vinyl film with acrylic overlamine

Standard Background Color:

White

Standard Legend Color:

Red, yellow, orange

Thickness (ASTM D 1593):

Total: 0.007 in. (0.018 mm)

Gloss (60°)

50 Gardner Unis

Adhesive Properties:

Adhesion to Stainless Steel (PSTC-101)

15 Minute Dwell - 80 oz/in. (87.5 N/100mm)

Ultimate Dwell (72hrs.) - 85 oz/in (93 N/100mm)

Tack (ASTM D 2979) - 1100g (10.5 N)

Minimum Application Temperature:

0°F (-18°C)

Service Temperature:

-20°F to 180°F (-29°C to 82°C)

Abrasion Resistance (ASTM D 4060):

CS-10 wheels, 1000 g wts

The printed legend withstands up to 1300 cycles

Chemical Resistance:

Chemical Resistance testing consisted of 5 cycles of 10 minute immersions in the specified chemicals followed by 30-minute recovery periods. Testing was conducted at room temperature.

Chemical Reagent	Chemical Resistance Results
30% Sulfuric Acid	NE
Glacial Acetic Acid	F
10% Sodium Hydroxide	NE
10% Ammonia	NE
5% Sodium Hypochlorite (bleach)	NE
MEK	F
Acetone	F
Isopropyl Alcohol	F
Mineral Spirits	F
Turpentine	F
Kerosene	F
Gasoline	F
Deionized Water	NE
3% Alconox®	NE

NE = No Effect to sample
F = Fail (sample affected)

Shelf Life:

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

Trademarks:

ASTM: American Society for Testing and Materials (U.S.A.)
Alconox® is a registered trademark of Alconox Co.
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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