

B-634 Clear Polyester Laminating Tape

TDS No. B-634
Effective Date: 07/01/2011

Description:

Brady B-634 is a rigid, clear polyester overlamine for use with Brady ToughStripe labels.

Details:

General

Material Type: Clear Polyester (3 mil film)

Finish: Glossy

Adhesive: Permanent Rubber Based

Applications:

Brady B-634 is recommended for use as a clear protective overlamine for Brady ToughStripe labels.

Thickness (PSTC-33):

0.004 in. (0.10 mm)

Adhesive Properties:

Adhesion to Stainless Steel (PSTC-101)

15 Minute Dwell (Avg.) – 102.0 oz/in (111 N/100 mm)

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

H-22 Stone Wheels, 1000g wts.

Material withstands over 9000 cycles

S-35 Tungsten Carbide Wheels, 1000g wts.

Material withstands up to 1000 cycles

Gloss (60° Gardner):

115 Gardner Units

Minimum Application Temperature:

40°F (5°C)

Service Temperature:

0°F to 130°F (-18°C to 54°C)

Average Outdoor Durability:

Not recommended for outdoor use.

Chemical Resistance:

Samples were tested laminated over Brady B-483 flood coated polyester. Samples were allowed to dwell 24 hours at room temperature prior to testing. Testing was conducted at room temperature.

7 Day Immersion: Immersed in reagent for 7 days.

Dip Test: Five 10 minute dips in reagent with 30 minute recovery.

REAGENT	7 DAY IMMERSION	DIP TEST
30% Sulfuric Acid	NE	NE
10% Sulfuric Acid	NE	NE
30% Hydrochloric Acid	F	NE
10% Hydrochloric Acid	NE	NE
Glacial Acetic Acid	F	F
5% Acetic Acid	NE	NE
50% Sodium Hydroxide	F	F
10% Sodium Hydroxide	F	F
10% Ammonia	F	NE
5% Sodium Hypochlorite (bleach)	F	NE
10% Sodium Chloride	NE	NE

Methanol	F	NE
Isopropyl Alcohol	NE	NE
Heptane	F	NE
Mineral Spirits	F	F
Turpentine	F	NE
Diesel Fuel	NE	NE
Kerosene	F	NE
Gasoline	F	NE
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
Alconox®	NE	NE
Water	NE	NE

NE = No Effect

NT = Not Tested

F = Failed (affected Sample)

Product testing, customer feedback, and history of similar products, support a customer performance expectation of at least **two years from the date of receipt** for this product as long as this product is stored in its original packaging in an environment *below 80°F (27°C) and 60% RH*. We are confident that our product will perform well beyond this time frame. However, it remains the responsibility of the user to assess the risk of using such product. We encourage customers to develop functional testing protocols that will qualify a product's fitness for use in their actual applications.

Trademarks:

ASTM: American Society for Testing and Materials (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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