

Brady B-505 ToughStripe® Cold

TDS No. B-505

Effective Date: May 11, 2022

Description:

Brady B-505 is a surface printed polyester with a clear polyester overlamine designed for refrigerator and freezer floor marking applications.

Use:

Brady B-505 is used to mark aisles, passageways, storage locations, point out safety equipment and exits, and enforce protective equipment requirements in cold environments.

Adhesive Type:

Acrylic

Substrate Type:

Polyester

Standard Material Colors:

Solid: Yellow, Blue, White, Green, Red, Black, Orange

Striped: Yellow/Black, White/Black

Thickness:

0.008 in. (0.20 mm)

Adhesive Properties:

Adhesion to Stainless Steel

72 hour Dwell (Avg.)

– 39 oz/in (70°F)

– 97 oz/in (38°F)

– 188 oz/in (0°F)

Abrasion Resistance (ASTM D4060):

H-22 Harsh Calibrade Wheels, 1000g wts.

Material withstands up to 1200 cycles

Gloss (20°):

69 units

Minimum Application Temperature:

-13°F (-25°C)

Service Temperature:

-13°F to 59°F (-25°C to 15°C)

Average Outdoor Durability:

Not recommended for outdoor use.

Chemical Resistance:

Reagent	7 Day Immersion Impact to Print	7 Day Immersion Impact to Adhesive
25% Sulfuric Acid	NE	NE
30% Hydrochloric Acid	NE	NE
Glacial Acetic Acid	NE	F
10% Acetic Acid	NE	NE
50% Sodium Hydroxide	F	NE
10% Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
10% Sodium Chloride	NE	NE
Acetone	NE	F
Isopropyl Alcohol	NE	F
Alconox Detergent	NE	NE
Deionized Water	NE	NE

NE = No Effect

F = Failed (affected Sample)

Shelf life is 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. It remains the responsibility of the user to assess the risk of using this product. We encourage customers to develop testing protocols that will qualify a product's fitness for use in their actual application.

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

PSTC: Pressure Sensitive Tape Council (U.S.A.)

SAE: Society of Automotive Engineers

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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