

BRADY B-540 CREPE PAPER MASKING TAPE

TDS No. B-540

Effective Date: 01/21/2019

Description:

GENERAL

Print Technology: N/A

Material Type: Tan Colored Saturated Crepe Paper

Finish: Matte

Adhesive: Removable Rubber Based Pressure Sensitive Adhesive

APPLICATIONS

Used primarily for paint masking and other applications requiring a temporary protective cover. It is particularly good for small sized masks.

REGULATORY APPROVALS

For information on the Weee-RoHS compliance status for a Brady Product go to one of the following websites:

In Canada: www.bradycanada.ca/weee-rohs

In Europe: www.bradyeurope.com/rohs

In Japan: www.bradycanada.ca/weee-rohs

All other regions: www.bradycanada.ca/weee-rohs

SPECIAL FEATURES

Brady B-540 has good conformability, has good resistance to heat and moisture, and removes cleanly without adhesive residue from most surfaces.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 -Total (excluding liner)	0.0064 inch (0.163 mm)
Adhesion to:	ASTM D 1000	
-Stainless Steel	20 minute dwell 24 hour dwell	41 oz/in (45 N/100 mm) 42 oz/in (46 N/100 mm)
-Textured ABS	20 minute dwell 24 hour dwell	22 oz/in (24 N/100 mm) 20 oz/in (22 N/100 mm)
-Polypropylene	20 minute dwell 24 hour dwell	37 oz/in (40 N/100 mm) 35 oz/in (38 N/100 mm)
Tack	ASTM D 2979 Polyken™ Probe Tack 0.5 second dwell	25.0 oz (709 g)
Tensile Strength and Elongation	ASTM D 1000 -Machine Direction	22.6 lbs/in (396 N/100 mm), 5%

B-540 samples tested for Performance Properties were applied to stainless steel and phenolic panels and allowed to dwell 24 hours at room temperature prior to testing.

PERFORMANCE PROPERTIES	TEST METHODS	TYPICAL RESULTS
Short Term High Service Temperature	2 hours at various temperatures	No visible effect to tape at 120°C; very slight discoloration at 145°C. Removed cleanly from stainless steel and phenolic without adhesive residue at 145°C.
Long Term High Service Temperature	30 days at various temperatures	No visible effect to tape at 50°C; very slight discoloration at 60°C. Some adhesive residue at temperatures greater than 60°C.
Long Term Low Service Temperature	30 days at -70°C (-94°F)	No visible effect to tape. Removed cleanly from stainless steel and phenolic without adhesive residue.

Humidity Resistance	30 days at 37°C (100°F), 95% R.H.	No visible effect to tape. Removed cleanly from stainless steel and phenolic without adhesive residue
UV Light Resistance	ASTM G155, Cycle 1 (without water) 30 days in Q-Sun Xenon Test Chamber	Tape discolored and embrittled, and is no longer removable. B-540 is not recommended for outdoor applications.

Shelf Life:

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 applications.

Trademarks:

Polyken™ is a trademark of Testing Machines Inc.

ASTM: American Society for Testing and Materials (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 representations 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 obligation 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 of 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.

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