

BRADY BA-8112 DOUBLE COATED TAPE WITH 2.0 MILS OF BRADY 8000 SERIES ADHESIVE COATED ON BOTH SIDES OF A 0.5 MIL CLEAR POLYESTER CARRIER FILM

TDS No. BA-8112
Effective Date: 08/07/2008

Description:

BA-8112 is a double coated tape with 2.0 mils of Brady's 8000 Series pressure sensitive adhesive (PSA) coated on both sides of a 0.5 mil clear polyester carrier film.

The coated tape is laminated, on both sides, to a 1.42 mil polyester release liner.

Brady 8000 Series adhesives provide good bonding to a wide variety of substrates along with moderate temperature performance and good chemical resistance.

Brady BA-8112 is RoHS compliant to 2005/618/EC MCV amendment to RoHS Directive 2002/95/EC.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 -Carrier film -Adhesive (both side total) -Total (w/o liners)	0.0005 inch (0.0127 mm) 0.0040 inch (0.1016 mm) 0.0045 inch (0.112mm)
To perform the following tests, the opposite side being tested is laminated to a 2 mil polyester film. Results listed are typical for both, faceside and backside.		
Adhesion samples are dwelled on the panel, for the indicated time period.		
Adhesion to:	ASTM D 1000	
-Stainless Steel	20 minute dwell 72 hour dwell	200 oz/in (55 N/25 mm) 207 oz/in (57 N/25 mm)
-Smooth ABS	20 minute dwell 72 hour dwell	153 oz/in (42 N/25 mm) 166 oz/in (45 N/25 mm)
-Polypropylene	20 minute dwell 72 hour dwell	115 oz/in (31 N/25 mm) 194 oz/in (53 N/25 mm)
-Polycarbonate	20 minute dwell 72 hour dwell	153 oz/in (42 N/25 mm) 164 oz/in (45 N/25 mm)
-Acrylic	20 minute dwell 72 hour dwell	157 oz/in (43 N/25 mm) 154 oz/in (42 N/25 mm)
Tack	ASTM D 2979 Polyken™ Probe Tack 1 second dwell	64 oz (1800g)
SAFT Shear Adhesion Failure Temperature, °C	ASTM D4498-95 (25mm x 25mm x 1Kg)	98°C (208.4°F)

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 degrees 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.)
Polyken™ is a trademark of Testing Machines Inc.

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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