

BRADY B-8406 LOW PROFILE, GLOSSY WHITE THERMAL TRANSFER PRINTABLE POLYIMIDE LABEL STOCK

TDS No. B-8406
Effective Date: 08/07/2010

Description:
DESCRIPTION

B-8406 is a low profile polyimide film with a permanent pressure sensitive acrylic adhesive and a high opacity, gloss white topcoat specifically designed for thermal transfer printing.

RECOMMENDED RIBBONS

Brady Series R6000, R6000HF, and R8963

REGULATORY/AGENCY APPROVALS

UL: B-8406 complies with the flammability requirements of UL510 Insulating Tape-Component Standard. Reference UL File E239802 for specific details

Brady B-8406 is RoHS compliant to 2005/618/EC MCV amendment to RoHS Directive 2002/95/EC.

Brady B-8406 is also compliant to the halogen requirements of IEC 61249-2-21 (2003-11).

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 Substrate Adhesive Total	0.0017 inch (0.04318 mm) 0.0013 inch (0.03302 mm) 0.0030 inch (0.07620 mm)
Adhesion to: -Stainless Steel	ASTM D 1000 20 minute dwell 24 hour dwell	35 oz/in (38 N/100mm) 45 oz/in (49 N/100mm)
Tack	ASTM D 2979 Polyken™ Probe Tack 1 second dwell	28 oz (800g)
Tensile Strength -Machine Direction	ASTM D1000	27.8 lb/in
Elongation -Machine Direction	ASTM D1000	54%
Flammability	UL 510	B-8406 complies with the flammability requirements of UL510 Insulating Tape-Component Standard.

Trademarks:

ASTM: American Society for Testing and Materials (U.S.A.)
All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units
Polyken™ is a trademark of Testing Machines Inc.
S. I.: International System of Units
UL: Underwriters Laboratories Inc. (U.S.A.)

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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WARRANTY

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