

**B-8412 GLOSSY WHITE POLYESTER LABELSTOCK WITH PERMANENT MATRIX ACRYLIC ADHESIVE**

TDS No. B-8412  
Effective Date: 01/16/2012

**Description:**

**GENERAL**

**Materials Type:** Polyester  
**Finish:** Glossy  
**Adhesive:** Permanent Acrylic

**APPLICATION**

General identification application

**RECOMMENDED THT RIBBONS**

Brady R6000 Black Ribbon Series

**COMPLIANCE**

B-8412 is cUL recognized to PGJ18 under the file MH25991 as per UL969 standard

**Details:**

PHYISCAL PROPERTIES	TEST METHOD	TYPICAL RESULTS
Thickness	ASTM D1000 - Substrate - Adhesive - Total	0.050 mm 0.020 mm 0.070 mm
Gloss	60deg	80 GU
Adhesion to: Stainless steel	ASTM D1000 - 24 hour	6.7 N/25mm

*Performance properties exhibited by B-8412 in the following were based on samples printed with Brady Series R6000 ribbons using BradyPrinteräTHT Model 600X-Plus Thermal Transfer printer. Printed samples were laminated to aluminum panels and allowed to dwell 24 hours before exposure to the indicated environment.*

A rating scale of 1 – 5 is used in the table below to show the print quality of the samples tested upon exposure to different chemicals.

PROPERTIES	TEST METHOD	TYPICAL RESULTS
Crockmeter Abrasion with IPA	Cotton, 20 cycles	1
Manual Abrasion with IPA and IPA immersion	15 minute immersion of IPA, followed by a manual rub of 10 times with a cotton swab saturated with IPA	1 - 2

**Rating scale:**

- 1 = No visible effect**
- 2 = Slight print removal**
- 3 = Moderate print removal**
- 4 = Severe print removal**
- 5 = Complete print removal**

**Trademarks:**

**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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Brady Asia | 1 Kaki Bukit Crescent | Singapore 416236 | Singapore | Tel: 65 6477.7261 | Fax: 65 6748.7248