t +64 4 499 6000 | f +64 4 473 4447 | e mail@4rf.com | w www.4rf.com

4RF Communications Ltd
26 Glover St, Ngauranga
PO Box 13-506
Wellington 6032
New Zealand

30 November, 2006

EMC Technologies Pty Ltd

47 MacKelvie St

Grey Lynn

Auckland

Dear Andrew

Here are the product serial number labels and FCC_ID/Part number labels to be placed on the back of the terminal (replace the existing part number label).

Label positioning details are provided below.

10.5 Radio ID Label

10.3.1 Position the radio Part Number and Serial Number labels as shown – refer Figure 43.

10.3.2 Relative position to bottom and left edges = 12mm +/- 2

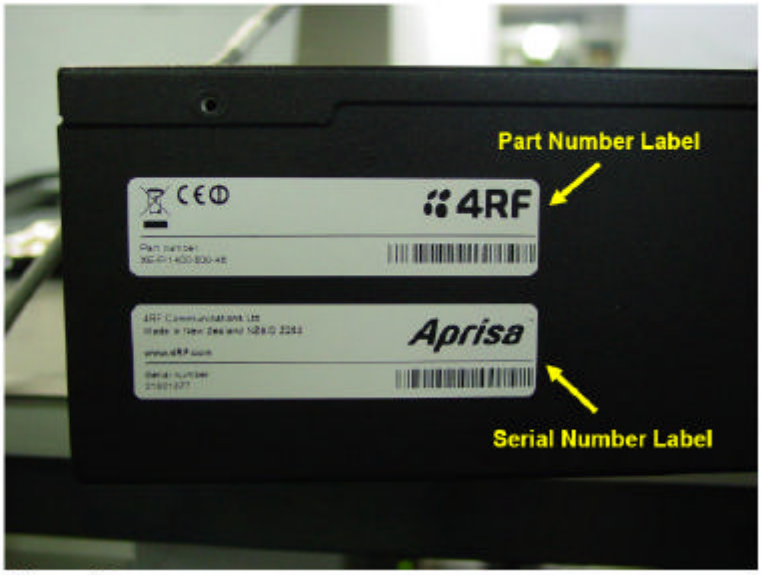
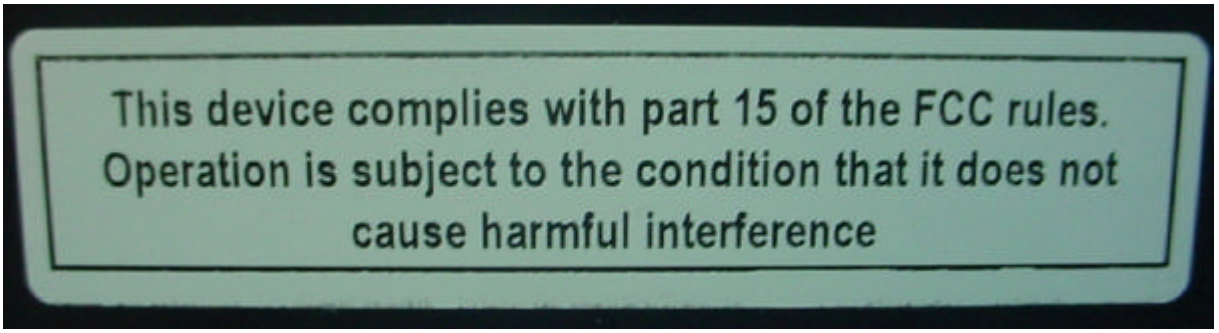


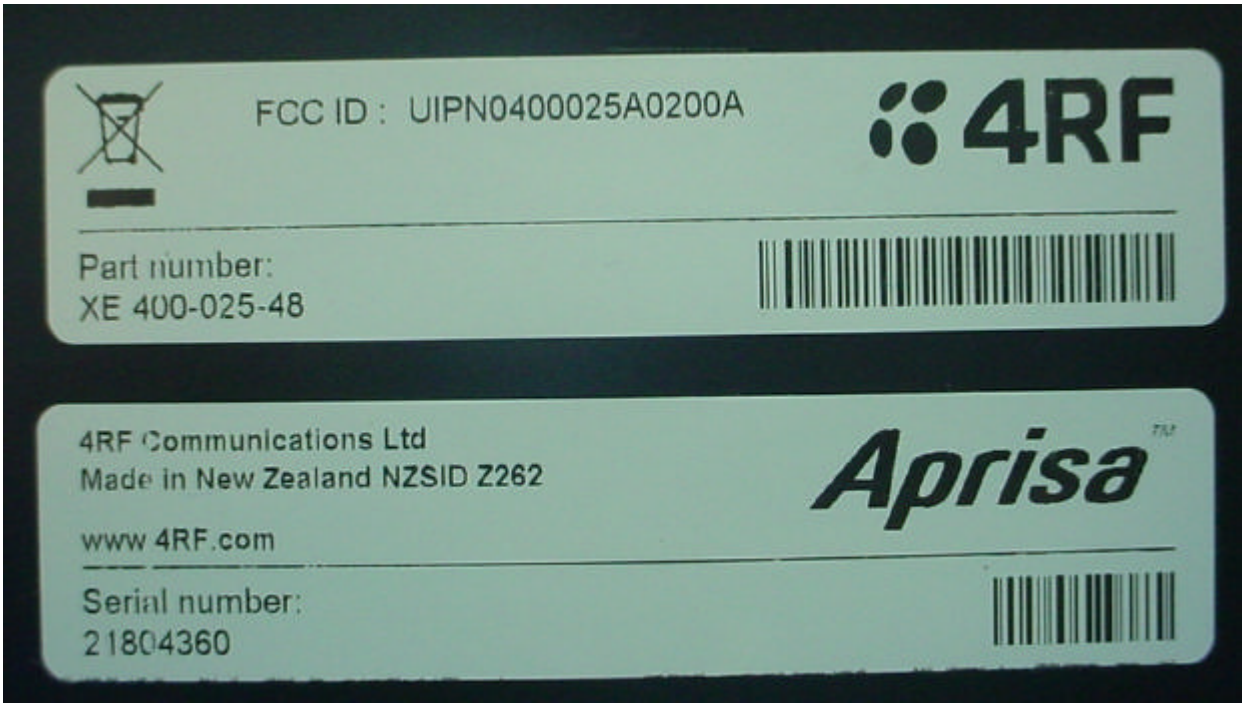
Figure 43

Sincerely,

Alan Turner
System Test Manager

Labels





Close

Technical Data Sheet
TDS No. B-483
Effective Date: 03/06/2001

BRADY WORLDWIDE, INC.
P.O. Box 2131
Milwaukee, WI 53201-2131
Tel. 414/358-6600
Fax 800/292-2289

BRADY B-483 THERMAL TRANSFER PRINTABLE LABEL STOCK

Description:

B-483 is a glossy white polyester film with a permanent rubber based adhesive and a topcoat specifically formulated for thermal transfer printing.

B-483 is designed for high adhesion to textured metals and low surface energy plastics. B-483 is specifically designed to adhere to powder coated surfaces.

Recommended ribbons are Series R6000 or Series R4900 black thermal transfer ribbons, and Series R4400 colored thermal transfer ribbons.

B-483 is UL Recognized to UL969 Labeling and Marking Standard when printed with the Brady Series R6000 and R4900 ribbons. See UL files MH17154 for specific details. B-483 is CSA Accepted to CAN/CSA-C22.2 No. 0.15-M95 Standard for Adhesive Labels when printed with the Brady Series R6000 ribbon. See CSA file LS 41833 for specific details.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 -Substrate -Adhesive -Total	0.0020 inch (0.051 mm) 0.0020 inch (0.051 mm) 0.0040 inch (0.102 mm)
Adhesion to: -Stainless Steel	ASTM D 1000 20 minute dwell 24 hour dwell	155 oz/in (169 N/100 mm) 160 oz/in (174 N/100 mm)
		55 oz/in (60 N/100 mm)
-Textured ABS	20 minute dwell 24 hour dwell	54 oz/in (59 N/100 mm)
		140 oz/in (153 N/100 mm)
-Polypropylene	20 minute dwell 24 hour dwell	143 oz/in (156 N/100 mm)
		144 oz/in (157 N/100 mm)
-Painted Enamel	20 minute dwell 24 hour dwell	149 oz/in (162 N/100 mm)

-Powder Coated Metal	20 minute dwell 24 hour dwell	102 oz/in (111 N/100 mm) 104 oz/in (113 N/100 mm)
Tack	ASTM D 2979 Polyken™ Probe Tack 0.5 second dwell	39 oz (1122 g)

Performance properties tested on B-483 printed with alphanumerics, and a 5 mil and 10 mil minimum X dimension barcode using Series R6000 and R4900 ribbons and a BradyPrinter™ THT 300X Thermal Transfer Printer. Printed samples of B-483 were laminated to aluminum before exposure to the indicated environmental condition. Results the same for both ribbons unless noted otherwise.

PERFORMANCE PROPERTIES	TEST METHODS	TYPICAL RESULTS
Long Term High Service Temperature	30 days at 248°F (120°C)	No visible effect
Long Term Low Service Temperature	30 days at -40°F (-40°C)	No visible effect
Humidity Resistance	30 days at 100°F (37°C), 95% R.H.	No visible effect
UV Light Resistance	30 days in UV Sunlighter™ 100	No visible effect
Weatherability	ASTM G 26 30 days in Xenon Arc Weatherometer	No visible effect
Salt Fog Resistance	ASTM B 117 30 days in 5% salt fog solution chamber	No visible effect

PERFORMANCE PROPERTY	CHEMICAL RESISTANCE

Samples printed with Series R6000 and R4900 ribbons using a BradyPrinter™ THT Model 300X Thermal Transfer Printer. Test were conducted after 24 hour dwell. Testing consisted of 5 cycles of 10 minute immersions in the specified chemical reagent followed by 30 minute recovery periods. After final immersion, samples rubbed 10 times with cotton swab saturated with test fluid.

CHEMICAL REAGENT	SUBJECTIVE OBSERVATION OF VISUAL CHANGE		
	EFFECT TO LABEL STOCK	R4900	R6000
Methyl Ethyl Ketone	Slight adhesive ooze	No visible effect w/o rub, complete print removal after rub	No visible effect w/o rub, complete print removal after rub
1,1,1-Trichloroethane	No visible effect	No visible effect w/o rub, complete print removal after rub	No visible effect w/o rub, complete print removal after rub
Toluene	No visible effect	No visible effect w/o rub, complete print removal after rub	No visible effect w/o rub, complete print removal after rub
Isopropyl Alcohol	No visible effect	No visible effect with or without rub	No visible effect with or without rub
Mineral Spirits	Slight adhesive ooze	No visible effect with or without rub	No visible effect with or without rub
JP-8 Jet Fuel	No visible effect	No visible effect with or without rub	No visible effect with or without rub

SAE 20 WT Oil	No visible effect	No visible effect with or without rub	No visible effect with or without rub
Mil 5606 Oil	Slight adhesive ooze	No visible effect with or without rub	No visible effect with or without rub
Speedi Kut Cutting Oil 332	No visible effect	No visible effect with or without rub	No visible effect with or without rub
Gasoline	No visible effect	No visible effect w/o rub, slight print removal after rub	No visible effect w/o rub, slight print removal after rub
Rust Veto® 342	No visible effect	No visible effect with or without rub	No visible effect with or without rub
Skydrol® 500B-4	No visible effect	Moderate print removal w/o rub, complete print removal with rub	No visible effect w/o rub, complete print removal after rub
Super Agitene®	Slight adhesive ooze	No visible effect with or without rub	No visible effect with or without rub
Deionized Water	No visible effect	No visible effect with or without rub	No visible effect with or without rub
3% Alconox® Detergent	No visible effect	No visible effect with or without rub	No visible effect with or without
Northwoods™ Buzz Saw Citrus Degreaser	No visible effect	No visible effect	No visible effect

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 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.

ASTM: American Society for Testing and Materials (U.S.A.)
CSA: Canadian Standards Association
SAE: Society of Automotive Engineers (U.S.A.)
UL: Underwriters Laboratories, Inc.

All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units.

Preliminary Technical Data
The information in this Technical Data Sheet is based on the evaluation of limited production quantities of the product and may be modified by BRADY WORLDWIDE, INC. following additional production experience and testing. This product is not yet standard and, therefore, may be subject to modification, product limitations or cancellation.

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.

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.**