



## B-414 THERMAL TRANSFER PRINTABLE WHITE BRADYGRIP™ LABEL STOCK

TDS No. B-414  
Effective Date: 7/23/2020

### Description:

#### GENERAL

**Print Technology:** Thermal Transfer

**Materials Type:** White Polyester THT Printable Surface; Polypropylene Backing

**Finish:** Glossy

**Anchoring System:** Velcro® Brand hooks

#### APPLICATIONS

B-414 is designed to adhere to the loop side of hook-and-loop fasteners. Specific applications include wire and cable management products, such as Velcro® Brand One-Wrap®.

#### RECOMMENDED RIBBONS

Brady Series R6000 Halogen Free

#### REGULATORY

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](http://www.bradycanada.ca/weee-rohs)

In Europe: [www.bradyeurope.com/rohs](http://www.bradyeurope.com/rohs)

In Japan: [www.brady.co.jp/products/labelsuse/rohs](http://www.brady.co.jp/products/labelsuse/rohs)

All other regions: [www.bradyid.com/weee-rohs](http://www.bradyid.com/weee-rohs)

#### Details:

PHYSICAL PROPERTIES	TEST METHOD	AVERAGE RESULTS
Thickness	ASTM D 1000 Total	0.015 inch (0.381 mm)
Shear Adhesion to: -Velcro® One-Wrap®	ASTM D 5169	69 lbf/in <sup>2</sup> (47 N/cm <sup>2</sup> )
Peel Adhesion to: -Velcro® One-Wrap®	ASTM D 5170 - 0.75" width - 0.25" width	7 ozf/in (80 gf/cm) 24 ozf/in (275 gf/cm)

Performance properties were tested on samples adhered to the loop side of Velcro® Brand One-Wrap® that was wrapped around a 1/2" diameter mandrel.

PERFORMANCE PROPERTIES	TEST METHOD	TYPICAL RESULTS
Long Term High Service Temperature	30 days at 50°C	No visible effect
Humidity Resistance	30 days at 100°F (38°C) and 95% relative humidity.	No visible effect
UV Light Resistance	30 days in Q-Sun™	Not evaluated for outdoor use
Weatherability	ASTM G155, Cycle 1 30 days in Xenon Arc Weatherometer	Not evaluated for outdoor use
Print Abrasion Resistance	20 eraser double rubs, 2 lb weight	Minimal effect

**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 application.

**Trademarks:**

Velcro® and One-Wrap® are registered trademarks of Velcro BVBA

BradyGrip™ is a trademark of Brady Corporation

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.

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