

**BRADY B-679 VALERON® BANNERSTOCK**

TDS No. B-679  
Effective Date: 09/22/1998

**Description:**

A tri-ply polyolefin stock designed and formulated for printing with Brady ColorPix™ Inkjet Printers using BradyJet™ Indoor and Outdoor Inks.

**Details:**

**Use:**

Used for indoor and outdoor advertising graphics that are viewed from a moderate distance such as billboards, posters, banners and rotating backlight signs.

**Substrate Type:**

Tri-ply polyolefin. Ink receptive topcoat on one side.

**Color:**

White

**Basis Weight, Total:**

120 lbs./Ream (195 g/sq.m)

**Thickness:**

0.0085 inches (0.22 mm)

**Tensile Strength (PSTC-31):**

50 lb./in. (8.9 kg/cm)

**Tear Strength, Tongue (FED STD 191-5100):**

MD: 12 lbs. (53 Newtons)

XD: 10 lbs. (45 Newtons)

**Abrasion Resistance (Method 5306 of U.S. Federal Test Method Std. No. 191A):**

CS-17 wheels, 1000 g wts.

Dry - Inkjet printed graphics withstand up to 60 cycles

Wet - Inkjet printed graphics withstand up to 10 cycles

**Accelerated Weathering (SAE J 1960, 400 hours):**

10% average absolute color density loss as measured by Macbeth® ColorChecker® RD-1255.

**Stain Resistance:**

Liquid agents that are tinted or colored will permanently stain the inkjet coating unless the printed product has an applied sealant coating. Environmental particulate matter may also permanently lodge itself in the media's absorbent surface.

**Water Resistance:**

Printed graphics will not bleed with water immersion. When wet, the inkjet coating with graphics can not be rubbed off with finger pressure. However, when wet, the inkjet coating with graphics can be removed with scraping force.

**Water Based Cleaning Agent Resistance:**

With some water based cleaning agents, printed graphics may bleed with immersion or the inkjet coating and graphics may be rubbed off with finger pressure. When wet with any water based cleaning agents, the inkjet coating with graphics can be removed with scraping force.

**Oil Resistance:**

The inkjet coating and printed graphics will be bleedfast and rub resistant when exposed to most common oils (motor oil, mineral oil, etc.). When wet with oil, the inkjet coating with graphics can be removed with scraping force. Uncommon specialty oils may cause printed graphics to bleed with immersion or the inkjet coating and graphics to lose rub and scrape resistance.

**Aggressive Chemicals Resistance:**

Exposure to organic solvents and acid and base solutions can cause destruction of the printed graphics, coating, vinyl film

and/or adhesive.

**Shelf Life:**

1 year when stored at 70°F (21°C) and 40% to 50% R.H.

**Trademarks:**

BradyJet™ is a trademark of Brady Worldwide, Inc.

ColorChecker® is a registered trademark of Gretag-Macbeth Holding A.G.

ColorPix™ is a trademark of Brady Worldwide, Inc.

Macbeth® is a registered trademark of Gretag-Macbeth Holding A.G.

Valeron® is a registered trademark of Van Leer Flexibles, L.P.

PSTC: Pressure Sensitive Tape Council (U.S.A.)

SAE: Society of Automotive Engineers (U.S.A.)

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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