

BRADY B-677 OUTDOOR SCRIM VINYL BANNERSTOCK

TDS No. B-677

Effective Date: 09/15/1998

Description:

A scrim supported PVC bannerstock designed and formulated for printing with Brady ColorPix™ Inkjet Printers using BradyJet™ Outdoor Inks.

Details:

Use:

Used for outdoor advertising banner graphics that are viewed from moderate distances.

Substrate Type:

Polyester scrim laminated on both sides to plasticized PVC. Ink receptive topcoat on one side.

Color:

White

Basis Weight:

Fabric: 250 lbs/ream (11 oz., 407 g/sq.m)

Total: 265 lbs/ream (430 g/sq.m)

Tensile Strength, Grab/lbs (FED STD 191-5100):

Warp: 200 lbs. (90 kg)

Fill: 100 lbs. (45 kg)

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

Warp: 100 lbs. (445 Newtons)

Fill: 100 lbs. (445 Newtons)

8" x 8" sample

Elongation, % W/F (FED STD 191-5100):

30-50

Thread Count (Warp/Fill):

18 x 18 (500 D)

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 170 cycles

Wet - Inkjet printed graphics withstand up to 80 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:

6 months 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.

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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.

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