

Brady B-595 Indoor/Outdoor Vinyl Tape for the GlobalMark® Printer



www.bradyid.com



Beginning March 1, 2010, Brady's leading outdoor grade vinyl for the GlobalMark® Printer is being replaced by a new B-595 vinyl. This new vinyl has even better performance and the most aggressive adhesive ever offered for the Globalmark® Printer – all at the same price and roll length. These new B-595 labeling supplies are ideal for indoor and outdoor facility labels, including 5S labels, safety labels, warning labels, pipe markers, arc flash labels, equipment labels, and visual workplace labels.

With the advanced adhesive and low-shrink construction, new B-595 vinyl is now also recommended for “problem applications” that prove difficult for most typical vinyl materials:

- **More Aggressive Adhesive:** B-595 vinyl will adhere to difficult low surface energy items, including: PVC piping, blow-molded equipment cases, ABS plastics, powder-coated surfaces and equipment made from recycled plastics. The B-595 material also excels at sticking to highly textured surfaces such as painted cinder block walls, finished uneven wood, textured plastics, rough-pipes and paper-jacketed pipes.
- **Lower Application Temperature:** B-595 vinyl can be applied at 0°F instead of 40°F or above (service temp remains -40°F to 180°F).
- **Low-Shrink Vinyl:** B-595 vinyl diminishes unsightly buildup of dust and grime around the label edge that is typically seen with vinyl labels. It also reduces adhesive buildup in printer mechanisms.

NEW B-595 Continuous Vinyl Tape

- Adheres to pipes, walls, equipment -- most clean dry surfaces
- Conforms to rough, curved and highly textured surfaces
- Stands up to grease, oil and most industrial chemicals
- 8–10 year outdoor durability in average temperatures from -40°F to 180°F



Size & Material		Catalog Number											
Size	Material	White	Yellow	Red	Blue	Green	Black	Brown	Gold	Gray	Purple	Orange	Clear
4"x100'	B-588	76542	76547	76552	76560	76556	76564	76568	76572	76576	76590	76594	97734
	New B-595	113109	113114	113119	113127	113123	113131	113135	113139	113143	113147	113151	113105
3"x100'	B-588	76543	76548	–	–	–	–	–	–	–	–	–	–
	New B-595	113110	113115	–	–	–	–	–	–	–	–	–	–
2.25"x100'	B-588	76544	76549	76553	76561	76557	76565	76569	76573	76577	76591	76595	97735
	New B-595	113111	113116	113120	113128	113124	113132	113136	113140	113144	113148	113152	113106
1.125"x100'	B-588	76545	76550	76554	76562	76558	76566	76570	76574	76578	76592	76596	97736
	New B-595	113112	113117	113121	113129	113125	113133	113137	113141	113145	113149	113153	113107
0.5"x100'	B-588	76546	76551	76555	76563	76559	76567	76571	76575	76579	76593	76597	97737
	New B-595	113113	113118	113122	113130	113126	113134	113138	113142	113146	113150	113154	113108

*B-595 parts available March 1, 2010. B-588 parts will be available while supplies last.

NEW Right-to-Know Pre-Print Labels For GlobalMark® Printer

- Color Bar or NFPA 704M diamond formats
- 4 color diamond or bars are pre-printed so these only require 1-color print pass (black) through printer



Special Black Ribbon Required For RTK Labels:

Pre-Printed Right-To-Know Labels require the use of ribbon Catalog Number 96089.

Catalog #	Description
96089	4.11" x 200' RTK Black Ribbon

Size & Material		Catalog Number					
Size	Material	NFPA Diamond w/Text Area	NFPA Diamond Diamond Only	Color Bar w/Text Area	Color Bar Color Bar Only	Color Bar HMIG Format	NFPA Diamond NFR Label
2 1/4"x4" (240/roll)	B-588 <i>New B-595</i>	76732 <i>115766</i>	— —	76730 <i>115767</i>	— —	— —	— —
4"x6 1/4" (170/roll)	B-588 <i>New B-595</i>	76733 <i>115763</i>	— —	76731 <i>115764</i>	— —	— —	— —
4"x4" (240/roll)	B-588 <i>New B-595</i>	— —	76729 <i>115765</i>	— —	— —	— —	— —
2 1/4"x2 1/4" (365/roll)	B-588 <i>New B-595</i>	51860 <i>115772</i>	51861 <i>115773</i>	51854 <i>115771</i>	76734 <i>115768</i>	— —	— —
1 1/8"x3" (300/roll)	B-588 <i>New B-595</i>	— —	— —	— —	— —	76735 <i>115770</i>	76736 <i>115769</i>

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NEW Pre-Print Header Stripe Labels For Arc Flash And Signs

- Pre-printed continuous stripe on top portion of white vinyl.
- Ideal for printing Arc Flash labels and other signs using Markware™ Software



Size & Material			Catalog Number		
Tape Size	Stripe Width	Material	Red Stripe	Orange Stripe	Yellow Stripe
4" x 100'	1"	B-588 <i>New B-595</i>	101948 <i>113161</i>	101949 <i>113162</i>	105045 <i>113163</i>
3" x 100'	.75"	B-588 <i>New B-595</i>	101946 <i>113157</i>	101947 <i>113158</i>	105044 <i>113159</i>
2.25" x 100'	.50"	B-588 <i>New B-595</i>	101944 <i>113155</i>	101945 <i>113156</i>	105043 <i>115774</i>

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Other Supplies Also Available for GlobalMark® Printer



Polyester Tapes

Reflective Tapes

Phosphorescent Tapes

Repositionable Tapes

Tag Stock

Magnetic Stock

Visit www.bradyid.com/globalmark for more details on additional tapes for your GlobalMark® Printer.

Brady Worldwide, Inc.
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WHEN PERFORMANCE MATTERS MOST™

Brady B-595 Indoor/Outdoor Vinyl Tape for the MiniMark™ Printer



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Size	Material	White	Yellow	Red	Blue	Green	Black	Brown	Gold	Gray	Purple	Orange	Clear
4"x100'	B-588	102976	102977	102978	102980	102979	102982	102985	102984	102983	102986	102981	102975
	New B-595	113182	113191	113196	113208	113204	113212	115759	115755	113218	113216	113200	113187
3"x100'	B-588	102987	102988	–	–	–	–	–	–	–	–	–	–
	New B-595	113183	113192	–	–	–	–	–	–	–	–	–	–
2.25"x100'	B-588	102964	102965	102966	102968	102967	102970	102973	102972	102971	102974	102969	102963
	New B-595	113184	113193	113197	113209	113205	113213	115760	115756	113219	113217	113201	113188
1.125"x100'	B-588	102952	102953	102954	102956	102955	102958	102961	102960	102959	102962	102957	102951
	New B-595	113185	113194	113198	113210	113206	113214	115761	115757	115753	115751	113202	113189
0.5"x100'	B-588	102940	102941	102942	102944	102943	102946	102949	102948	102947	102950	102945	102939
	New B-595	113186	113195	113199	113211	113207	113215	115762	115758	115754	115752	113203	113190

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Size & Material			Red Stripe	Orange Stripe	Yellow Stripe
Tape Size	Stripe Width	Material	Red Stripe	Orange Stripe	Yellow Stripe
4" x 100'	1"	B-588	103012	103010	102996
		New B-595	113221	113222	113220
3" x 100'	.75"	B-588	103013	103011	102995
		New B-595	113225	113227	113226
2.25" x 100'	.50"	B-588	110347	110348	110349
		New B-595	113230	113228	113229

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Other Supplies Also Available for MiniMark™ Printer



Self-Laminating Cable & Wire Markers



Tamper-Resistant Metallized Polyester



Get the most out of your MiniMark™ Printer and B-595 Vinyl Tapes by using Markware™ Facility Identification Software.

- For All Your Safety and Facility Identification Needs in One Powerful Package.
- Use your PC to quickly design professional looking signs and labels, or freely customize label layouts to your own specifications. Then print directly to your MiniMark™ Printer!

Visit www.bradyyid.com/minimark for more details on additional tapes for your MiniMark™ Printer.

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Y1162975 MS1162975



Brady B-595 Vinyl Film With Permanent Adhesive

TDS No. B-595
Effective Date: 05-Feb-2010

Description:

Brady B-595 indoor/outdoor marking film is a high gloss, durable, flexible, pressure sensitive adhesive product, designed for use in cartridge form with the GlobalMarkr® Industrial Label Maker and MiniMark™ Industrial Label Printer.

Details:

Use:

Brady-595 is used for Pipemarkers, Arrow Tape, Warehouse Marking, Warning Panels and Safety Signs, Arc Flash, Visual Workplace labels,

Special Properties:

Permanent cold temperature applicable pressure sensitive acrylic

Substrate Type:

Vinyl film

Standard Material Colors:

White, red, yellow, green, blue, orange, black, gray, brown, gold, purple, clear.

Standard Legend Colors:

Black, white, red, green, blue, and magenta

Thickness (PSTC-133):

0.004 in.(0.10 mm)

Adhesive Properties:

Adhesion to Steel (PSTC-101)

15 Minute Dwell (Avg.) – 80 oz/in (87.5 N/100mm)

Ultimate Dwell (72 Hrs.) 85 oz/in (93 N/100mm)

Tack (ASTM D 2979) (Avg) 1100 g (10.5 N)

Adhesion to Powder Coated Metal (PSTC-101)

15 Minute Dwell (Avg.) 60 oz/in (65 N/100mm)

Ultimate Dwell (72 Hrs.) 75 oz/in (82 N/100mm)

Adhesion to Polypropylene (PSTC-101)

15 Minute Dwell (Avg) 60oz/in (65 N/100mm)

Ultimate Dwell (72 Hrs.) (Avg) 69 oz/in (75 N/100mm)

Adhesion to Textured ABS (PSTC-101)

15 Minute Dwell (Avg) 37 oz/in (40 N/100mm)

Ultimate Dwell (72 Hrs.) (Avg) 40 oz/in (44 N/100mm)

Adhesion to Glass (PSTC-101)

15 Minute Dwell (Avg) 82 oz/in (90 N/100mm)

Ultimate Dwell (72 Hrs.) (Avg) 88 oz/in (96 N/100mm)

- **Note**-----Not recommended for Bare concrete or Unpainted Wood

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

CS-10 wheels, 500 g wts.

The printed legend withstands up to 250 cycles.

Gloss (ASTM D 523):

60 ° 50 Gardner Units minimum

Minimum Application Temperature:

0°F (-18°C)

Service Temperature:

-40°F to 180°F (-40°C to 82°C)

Average Outdoor Durability:

8-10 years (Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material color.) Ribbon and material UV resistance does not represent ribbon wear. A polyester overlamine is recommended for harsh environments - long term exposure to wind and rain.

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST	Sutherland RUB TEST
30% Sulfuric Acid	NE	NE	NE
10% Sulfuric Acid	NE	NE	NE
30% HCl	NE	NE	NE
10% HCl	NE	NE	NE
50% NaOH	NE	NE	NE
10% NaOH	F	NE	F
Methyl Ethyl Ketone	F	F	F
Acetone	F	F	F
10% Sodium Hypochlorite			F
Methanol	F	NE	F
IPA (Isopropanol)	F	NE	NE
ASTM #3 Oil	NE	NE	NE
SAE 20 Oil	NE	NE	NE
Alconox®	NE	NE	NE
Toluene	F	F	F
Mineral Spirits	F	F	NE
Glacial Acetic Acid	F	F	NE
5% Acetic Acid	NE	NE	NE
Diesel Fuel	F	F	NE
Heptane	F	NE	NE
10% Ammonia	NE	NE	F
Turpentine	F	F	NE
Kerosene	F	F	NE
Water	NE	NE	F
Gasoline	F	F	F

NE = No Effect
 NT = Not Tested
 F = Failed (affected Sample)

7 Day Immersion: Immersed in reagent for 7 days.
 Dip Test: Five 10 minute dips in reagent with 30 minute recovery.
 Rub Test: Rubbed sample for up to 100 rubs on Sutherland Ink Rub Tester

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

Trademarks:
 ANSI: American National Standards Institute (U.S.A.)
 ASTM: American Society for Testing and Materials (U.S.A.)
 Alconox® is a registered trademark of Alconox Co.
 Fed. Spec.: United States Federal Specification (U.S.A.)
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 HandiMark® is a registered trademark of Brady Worldwide, Inc.
 Labelizer® is a registered trademark of Brady Worldwide, Inc.
 MINIMARK™ is a trademark of Brady Worldwide, Inc.
 PSTC: Pressure Sensitive Tape Council (U.S.A.)
 Powermark™ is a trademark of Brady Worldwide, Inc.
 SAE: Society of Automotive Engineers (U.S.A.)

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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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

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