

# 3" Core Materials - Metallized Polyester

3" Core Materials

## Metallized Polyester Materials

Brady's metallized polyester labels extend the value of polyester to applications requiring a metallic, silver, or gray appearance. Available for a variety of surface types, these materials offer a wide service temperature range, chemical resistance, and abrasion resistance for asset and product identification that is appealing for customers in automotive, transportation, energy, and aerospace.

### Printer Compatibility

The following pages contain 3" core label rolls that are designed for use in these printers unless otherwise noted.



NEW BradyPrinter i5100 and legacy IP™ Printer



NEW BradyPrinter i7100 and legacy PR PLUS printer

### How to Read a THT Catalog Number

Many Brady label parts follow a naming convention that includes specific information about the label. The following example shows how it can be broken down:

**THT – 5 – 413 – 10**

**Technology:**  
Thermal Transfer

**Die Size:**  
#5 die  
1" x 0.5"

**Material:**  
B-413  
Metallic  
Polyester

**Quantity:**  
Multiply by 1,000  
10 x 1,000 = 10,000

Material	Print Technology	Color	Finish	Adhesive	Thickness	UL	CSA	RoHS	Applications
B-413	Thermal Transfer	Silver	Matte	Permanent	3.4 mils	X	X	X	Ideal for barcoded asset tracking and rating plate applications.
B-428	Thermal Transfer	Silver	Matte	Permanent	4.4 mils	X	X	X	Applications requiring high quality/density alphanumerics, barcodes and graphics, such as PCBs and rating plates.
B-434	Thermal Transfer	Silver	Gloss	Permanent	4.0 mils	X	X	X	Rating plate and general purpose labeling on textured surfaces.
B-435	Thermal Transfer	Silver	Gloss	Permanent	2.7 mils	X	X	X	Rating plate and general purpose labeling.
B-480	Thermal Transfer	Silver	Gloss	Permanent	4.4 mils	X		X	Barcode labels, serial and rating plates requiring nameplate-like quality; non-metal facesheet.
B-486	Thermal Transfer	Silver	Matte	Permanent	5.3 mils	X	X	X	Applications requiring high quality/density alphanumerics, barcodes and graphics, such as rating and serial plates.
B-8591	Thermal Transfer	Silver	Gloss	Permanent	4.3 mils	X			For outdoor labeling applications with proven outdoor durability of 12+ years.

## B-413 Metallic Colored Polyester Material

**Color: Silver Metallic Finish: Matte**

A non-metallized, thermal transfer polyester material with a metallic-looking finish. Ideal for barcoded asset tracking and rating plate applications.

**Performance Attributes:**

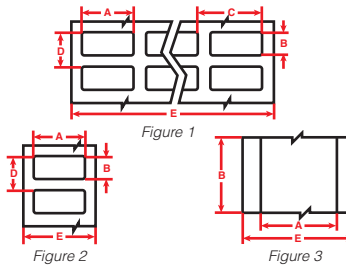


Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-12-413-10	Polyester	Silver	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R6700
Fig. 1	THT-1-413-10	Polyester	Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R6700
Fig. 1	THT-3-413-10	Polyester	Silver	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R6700
Fig. 1	THT-5-413-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6700
Fig. 1	THT-37-413-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6700
Fig. 1	THT-6-413-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6700
Fig. 3	THT-106-413	Polyester	Silver	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	2.200 (55.9)	1	1 roll (cont.)	R6000
Fig. 2	THT-17-413-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-53-413-3	Polyester	Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-7-413-3	Polyester	Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R6002
Fig. 2	THT-18-413-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-413-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-413	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 roll (cont.)	R6002
Fig. 3	THT-107-413	Polyester	Silver	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	4.200 (106.7)	1	1 roll (cont.)	R6007
Fig. 2	THT-55-413-1	Polyester	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6207

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Metallized Polyester

# 3" Core Materials - Metallized Polyester

## B-428 Metallized Polyester Material

**Color:** Light Silver **Finish:** Matte

Thermal transfer printable metallized polyester with matte finish. Withstands solvents and variable temperatures. Excellent for serial and rating plate applications with name-plate quality and a metal-looking finish.

**Performance Attributes:** 

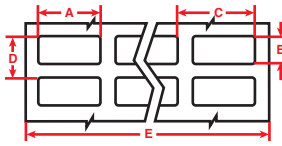


Figure 1

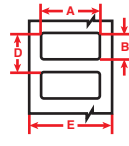


Figure 2

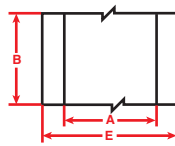


Figure 3

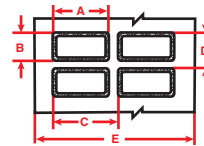


Figure 10

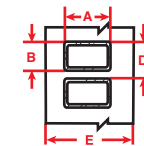


Figure 11

Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-12-428-10	Polyester	Lt. Silver	0.500 (12.7)	0.437 (11.1)	0.662 (16.8)	0.537 (13.6)	3.350 (85.1)	5	10,000	R4307
Fig. 1	THT-1-428-10	Polyester	Lt. Silver	0.750 (19.1)	0.250 (6.4)	0.800 (20.3)	0.350 (8.9)	3.350 (85.1)	4	10,000	R4307
Fig. 1	THT-3-428-10	Polyester	Lt. Silver	1.000 (25.4)	0.375 (9.5)	1.075 (27.3)	0.475 (12.1)	3.350 (85.1)	3	10,000	R4307
Fig. 1	THT-5-428-10	Polyester	Lt. Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R4307
Fig. 10	THT-22-428-2	Polyester	Lt. Silver	1.250 (31.8)	0.750 (19.1)	1.650 (41.9)	1.125 (28.6)	3.350 (85.1)	2	2,000	R4300
Fig. 1	THT-37-428-10	Polyester	Lt. Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R4307
Fig. 1	THT-6-428-10	Polyester	Lt. Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R4307
Fig. 3	THT-106-428	Polyester	Lt. Silver	2.000 (50.8)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	2.200 (55.9)	1	1 roll (cont.)	R4302
Fig. 2	THT-17-428-3	Polyester	Lt. Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R4302
Fig. 2	THT-53-428-3	Polyester	Lt. Silver	2.000 (50.8)	0.500 (12.7)	-	0.600 (15.2)	2.200 (55.9)	1	3,000	R4302
Fig. 11	THT-23-428-2	Polyester	Lt. Silver	2.000 (50.8)	1.000 (25.4)	-	1.375 (34.9)	2.450 (62.2)	1	2,000	R4302
Fig. 2	THT-7-428-3	Polyester	Lt. Silver	2.750 (69.9)	1.250 (31.8)	-	1.375 (34.9)	2.950 (74.9)	1	3,000	R4300
Fig. 11	THT-24-428-1	Polyester	Lt. Silver	2.750 (69.9)	1.750 (44.5)	-	3.200 (81.3)	-	1	1,000	R4300
Fig. 2	THT-18-428-3	Polyester	Lt. Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R4300
Fig. 2	THT-19-428-1	Polyester	Lt. Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R4300
Fig. 3	THT-21-428	Polyester	Lt. Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 roll (cont.)	R4300
Fig. 3	THT-107-428	Polyester	Lt. Silver	4.000 (101.6)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	4.200 (106.7)	1	1 roll (cont.)	R4307
Fig. 2	THT-55-428-1	Polyester	Lt. Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R4307

## B-434 Metallized Polyester Material

**Color:** Silver Metallic **Finish:** Gloss

Metallized polyester with a glossy finish and adhesive (2 mils) for rough surface applications. Withstands numerous solvents while maintaining excellent image quality.

**Performance Attributes:** 

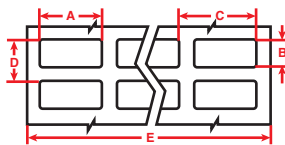


Figure 1

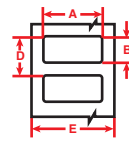


Figure 2

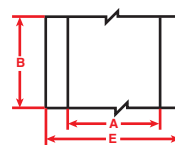


Figure 3

Diagram	Catalog #	Material	Color	Label Width A Inch (mm)	Label Height B Inch (mm)	Horiz. Repeat C Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 1	THT-5-434-10	Polyester	Silver	1.000 (25.4)	0.500 (12.7)	1.075 (27.3)	0.600 (15.2)	3.350 (85.1)	3	10,000	R6007
Fig. 1	THT-37-434-10	Polyester	Silver	1.500 (38.1)	0.500 (12.7)	1.650 (41.9)	0.600 (15.2)	3.350 (85.1)	2	10,000	R6007
Fig. 1	THT-6-434-10	Polyester	Silver	1.500 (38.1)	0.750 (19.1)	1.650 (41.9)	0.875 (22.2)	3.350 (85.1)	2	10,000	R6007
Fig. 2	THT-17-434-3	Polyester	Silver	2.000 (50.8)	1.000 (25.4)	-	1.125 (28.6)	2.200 (55.9)	1	3,000	R6000
Fig. 2	THT-18-434-3	Polyester	Silver	3.000 (76.2)	1.000 (25.4)	-	1.125 (28.6)	3.200 (81.3)	1	3,000	R6002
Fig. 2	THT-19-434-1	Polyester	Silver	3.000 (76.2)	2.000 (50.8)	-	2.125 (54.0)	3.200 (81.3)	1	1,000	R6002
Fig. 3	THT-21-434	Polyester	Silver	3.000 (76.2)	300 ft. (91.4 m)	-	300 ft. (91.4 m)	3.200 (81.3)	1	1 roll (cont.)	R6002
Fig. 2	THT-55-434-1	Polyester	Silver	4.000 (101.6)	2.000 (50.8)	-	2.125 (54.0)	4.200 (106.7)	1	1,000	R6007