



Brady materials are specially engineered to resist the harsh environments associated with the processing of printed circuit boards. The B-477, B-473 and B-445 materials can also help reduce ESD by utilizing a static dissipative adhesive.

THERMAL TRANSFER PRINTABLE PRODUCTS CIRCUIT BOARD PROCESS CHART

	Through Hole Technology Top Bottom	Surface Mount Technology (SMT) Top or Bottom	After Process
B-426, B-436, B-457, B-477, B-487, B-497	● Yes	● Yes	● Yes
B-400, B-422, B-423, B-428, B-433, B-435, B-438, B-459, B-473, B-488	▲ Yes*	✗ No	● Yes

* In extreme high temperatures, testing of these materials is recommended.

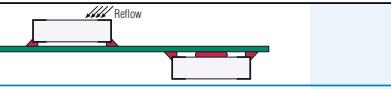
POLYIMIDES

High-Temperature White Polyimides (B-457, B-487, B-497)

Static Dissipative Polyimide (B-477, B-478, B-479)

High-Temperature Amber Polyimide (B-426)

Removable Amber Polyimide (B-436)



Part Number	Size Inch (mm)	Specifications on Page	Through Hole Technology Top	Through Hole Technology Bottom	SMT Top / Bottom	After Process	Recommended Ribbon Series*
THT-1-426	.75 x .25 (19.05 x 6.35)	82	●	●	●	●	R4300
THT-1-436	.75 x .25 (19.05 x 6.35)	82	●	●	●	●	R4300
THT-1-457	.75 x .25 (19.05 x 6.35)	82	●	●	●	●	R6000
THT-1-477	.75 x .25 (19.05 x 6.35)	82	●	●	●	●	R6000
THT-1-478	.75 x .25 (19.05 x 6.35)	82	●	●	●	●	R6000
THT-1-479	.75 x .25 (19.05 x 6.35)	83	●	●	●	●	R6000
THT-1-487	.75 x .25 (19.05 x 6.35)	83	●	●	●	●	R6000
THT-1-497	.75 x .25 (19.05 x 6.35)	83	●	●	●	●	R6000
THT-2-426	.90 x .25 (22.86 x 6.35)	83	●	●	●	●	R4300
THT-2-457	.90 x .25 (22.86 x 6.35)	83	●	●	●	●	R6000
THT-2-478	.90 x .25 (22.86 x 6.35)	83	●	●	●	●	R6000
THT-2-479	.90 x .25 (22.86 x 6.35)	83	●	●	●	●	R6000
THT-3-426	1.00 x .375 (25.40 x 9.53)	84	●	●	●	●	R4300
THT-3-478	1.00 x .375 (25.40 x 9.53)	84	●	●	●	●	R4300
THT-3-479	1.00 x .375 (25.40 x 9.53)	84	●	●	●	●	R4300
THT-4-426	1.50 x .25 (38.10 x 6.35)	86	●	●	●	●	R4300
THT-4-457	1.50 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-4-478	1.50 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-4-479	1.50 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-5-426	1.00 x .50 (25.40 x 12.70)	84	●	●	●	●	R4300
THT-11-426	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R4300
THT-11-436	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R4300
THT-11-457	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R6000

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

● Yes, this material will work with this application.

✗ No, this material does not work with this application.

▲ In extreme high temperatures, testing of these materials is recommended.

Circuit Board and Component Identification

CONTINUED

POLYIMIDES CONTINUED

High-Temperature White Polyimides (B-457, B-487, B-497)

Static Dissipative Polyimide (B-477, B-478, B-479)

High-Temperature Amber Polyimide (B-426)

Removable Amber Polyimide (B-436)



Part Number	Size Inch (mm)	Specifications on Page	Through Hole Technology	SMT Top / Bottom	After Process	Recommended Ribbon Series*
			Top	Bottom		
THT-12-426	.50 x .437 (12.70 x 11.10)	81	●	●	●	R4300
THT-12-457	.50 x .437 (12.70 x 11.10)	81	●	●	●	R6000
THT-12-477	.50 x .437 (12.70 x 11.10)	81	●	●	●	R6000
THT-12-478	.50 x .437 (12.70 x 11.10)	81	●	●	●	R6000
THT-12-479	.50 x .437 (12.70 x 11.10)	81	●	●	●	R6000
THT-12-487	.50 x .437 (12.70 x 11.10)	81	●	●	●	R6000
THT-12-497	.50 x .437 (12.70 x 11.10)	81	●	●	●	R6000
THT-13-426	1.25 x .25 (31.75 x 6.35)	85	●	●	●	R4300
THT-13-457	1.25 x .25 (31.75 x 6.35)	85	●	●	●	R6000
THT-14-426	.65 x .20 (16.51 x 5.08)	82	●	●	●	R4300
THT-14-436	.65 x .20 (16.51 x 5.08)	82	●	●	●	R4300
THT-14-457	.65 x .20 (16.51 x 5.08)	82	●	●	●	R6000
THT-14-477	.65 x .20 (16.51 x 5.08)	82	●	●	●	R6000
THT-14-478	.65 x .20 (16.51 x 5.08)	82	●	●	●	R6000
THT-14-479	.65 x .20 (16.51 x 5.08)	82	●	●	●	R6000
THT-14-487	.65 x .20 (16.51 x 5.08)	82	●	●	●	R6000
THT-14-497	.65 x .20 (16.51 x 5.08)	82	●	●	●	R6000
THT-15-426	2.00 x .25 (50.80 x 6.35)	87	●	●	●	R4300
THT-15-457	2.00 x .25 (50.80 x 6.35)	87	●	●	●	R6000
THT-15-477	2.00 x .25 (50.80 x 6.35)	87	●	●	●	R6000
THT-15-487	2.00 x .25 (50.80 x 6.35)	87	●	●	●	R6000
THT-15-497	2.00 x .25 (50.80 x 6.35)	87	●	●	●	R6000
THT-16-426	3.00 x .25 (76.20 x 6.35)	88	●	●	●	R4300
THT-16-478	3.00 x .25 (76.20 x 6.35)	88	●	●	●	R6000
THT-16-479	3.00 x .25 (76.20 x 6.35)	88	●	●	●	R6000
THT-16-497	3.00 x .25 (76.20 x 6.35)	88	●	●	●	R6000
THT-28-426	1.50 x .125 (38.10 x 3.18)	86	●	●	●	R4300
THT-29-426	1.25 x .375 (31.75 x 9.53)	85	●	●	●	R4300
THT-29-478	1.25 x .375 (31.75 x 9.53)	85	●	●	●	R4300
THT-29-479	1.25 x .375 (31.75 x 9.53)	85	●	●	●	R4300
THT-38-426	.375 x .375 (9.53 x 9.53)	80	●	●	●	R4300
THT-38-457	.375 x .375 (9.53 x 9.53)	80	●	●	●	R6000
THT-38-477	.375 x .375 (9.53 x 9.53)	80	●	●	●	R6000
THT-38-478	.375 x .375 (9.53 x 9.53)	80	●	●	●	R6000
THT-38-479	.375 x .375 (9.53 x 9.53)	80	●	●	●	R6000
THT-38-487	.375 x .375 (9.53 x 9.53)	80	●	●	●	R6000
THT-38-497	.375 x .375 (9.53 x 9.53)	80	●	●	●	R6000
THT-40-426	1.375 x .25 (34.93 x 6.35)	85	●	●	●	R4300
THT-40-457	1.375 x .25 (34.93 x 6.35)	85	●	●	●	R6000
THT-40-477	1.375 x .25 (34.93 x 6.35)	85	●	●	●	R6000
THT-40-487	1.375 x .25 (34.93 x 6.35)	85	●	●	●	R6000
THT-40-497	1.375 x .25 (34.93 x 6.35)	85	●	●	●	R6000
THT-41-426	1.00 x .187 (25.40 x 4.75)	83	●	●	●	R4300
THT-42-426	1.00 x .187 (25.40 x 4.75)	83	●	●	●	R4300
THT-42-457	1.00 x .187 (25.40 x 4.75)	83	●	●	●	R6000
THT-42-477	1.00 x .187 (25.40 x 4.75)	83	●	●	●	R6000
THT-42-478	1.00 x .187 (25.40 x 4.75)	83	●	●	●	R6000
THT-42-479	1.00 x .187 (25.40 x 4.75)	83	●	●	●	R6000
THT-42-487	1.00 x .187 (25.40 x 4.75)	83	●	●	●	R6000
THT-42-497	1.00 x .187 (25.40 x 4.75)	83	●	●	●	R6000
THT-43-426	1.25 x .25 (31.75 x 6.35)	85	●	●	●	R4300
THT-43-457	1.25 x .25 (31.75 x 6.35)	85	●	●	●	R6000
THT-43-477	1.25 x .25 (31.75 x 6.35)	85	●	●	●	R6000
THT-43-478	1.25 x .25 (31.75 x 6.35)	85	●	●	●	R6000

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

● Yes, this material will work with this application.

✗ No, this material does not work with this application.

▲ In extreme high temperatures, testing of these materials is recommended.

Circuit Board and Component Identification

CONTINUED

POLYIMIDES CONTINUED

High-Temperature White Polyimides (B-457, B-487, B-497)

Static Dissipative Polyimide (B-477, B-478, B-479)

High-Temperature Amber Polyimide (B-426)

Removable Amber Polyimide (B-436)



Part Number	Size Inch (mm)	Specifications on Page	Through Hole Technology Top	Through Hole Technology Bottom	SMT Top / Bottom	After Process	Recommended Ribbon Series*
THT-43-479	.125 x .25 (31.75 x 6.35)	85	●	●	●	●	R6000
THT-43-487	.125 x .25 (31.75 x 6.35)	85	●	●	●	●	R6000
THT-43-497	.125 x .25 (31.75 x 6.35)	85	●	●	●	●	R6000
THT-44-426	.1375 x .25 (35.05 x 6.35)	85	●	●	●	●	R4300
THT-44-457	.1375 x .25 (35.05 x 6.35)	85	●	●	●	●	R6000
THT-44-477	.1375 x .25 (35.05 x 6.35)	85	●	●	●	●	R6000
THT-44-478	.1375 x .25 (35.05 x 6.35)	85	●	●	●	●	R6000
THT-44-479	.1375 x .25 (35.05 x 6.35)	85	●	●	●	●	R6000
THT-44-487	.1375 x .25 (35.05 x 6.35)	85	●	●	●	●	R6000
THT-44-497	.1375 x .25 (35.05 x 6.35)	85	●	●	●	●	R6000
THT-45-426	.150 x .25 (38.10 x 6.35)	86	●	●	●	●	R4300
THT-45-457	.150 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-45-477	.150 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-45-478	.150 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-45-479	.150 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-45-487	.150 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-45-497	.150 x .25 (38.10 x 6.35)	86	●	●	●	●	R6000
THT-46-426	.75 x .25 (19.05 x 6.35)	82	●	●	●	●	R4300
THT-46-457	.75 x .25 (19.05 x 6.35)	82	●	●	●	●	R6000
THT-46-477	.75 x .25 (19.05 x 6.35)	82	●	●	●	●	R6000
THT-46-478	.75 x .25 (19.05 x 6.35)	83	●	●	●	●	R6000
THT-46-479	.75 x .25 (19.05 x 6.35)	83	●	●	●	●	R6000
THT-46-487	.75 x .25 (19.05 x 6.35)	83	●	●	●	●	R6000
THT-46-497	.75 x .25 (19.05 x 6.35)	83	●	●	●	●	R6000
THT-47-426	.65 x .20 (16.51 x 5.08)	82	●	●	●	●	R4300
THT-47-457	.65 x .20 (16.51 x 5.08)	82	●	●	●	●	R6000
THT-47-477	.65 x .20 (16.51 x 5.08)	82	●	●	●	●	R6000
THT-47-478	.65 x .20 (16.51 x 5.08)	82	●	●	●	●	R6000
THT-47-479	.65 x .20 (16.51 x 5.08)	82	●	●	●	●	R6000
THT-47-487	.65 x .20 (16.51 x 5.08)	82	●	●	●	●	R6000
THT-47-497	.65 x .20 (16.51 x 5.08)	82	●	●	●	●	R6000
THT-48-426	2.00 x .25 (50.80 x 6.35)	87	●	●	●	●	R4300
THT-48-457	2.00 x .25 (50.80 x 6.35)	87	●	●	●	●	R6000
THT-48-477	2.00 x .25 (50.80 x 6.35)	87	●	●	●	●	R6000
THT-48-478	2.00 x .25 (50.80 x 6.35)	87	●	●	●	●	R6000
THT-48-479	2.00 x .25 (50.80 x 6.35)	87	●	●	●	●	R6000
THT-48-487	2.00 x .25 (50.80 x 6.35)	87	●	●	●	●	R6000
THT-48-497	2.00 x .25 (50.80 x 6.35)	87	●	●	●	●	R6000
THT-49-426	.90 x .25 (22.86 x 6.35)	83	●	●	●	●	R4300
THT-49-457	.90 x .25 (22.86 x 6.35)	83	●	●	●	●	R6000
THT-49-478	.90 x .25 (22.86 x 6.35)	83	●	●	●	●	R6000
THT-49-479	.90 x .25 (22.86 x 6.35)	83	●	●	●	●	R6000
THT-50-426	.75 x .75 (19.05 x 19.05)	83	●	●	●	●	R4300
THT-51-426	1.00 x .25 (25.40 x 6.35)	83	●	●	●	●	R4300
THT-57-426	.70 x .375 (17.78 x 9.53)	82	●	●	●	●	R4300
THT-58-457	1.00 x .375 (25.40 x 9.53)	84	●	●	●	●	R6000
THT-58-478	1.00 x .375 (25.40 x 9.53)	84	●	●	●	●	R4300
THT-59-457	1.00 x .50 (25.40 x 12.70)	84	●	●	●	●	R6000
THT-59-479	1.00 x .50 (25.40 x 12.70)	84	●	●	●	●	R4300
THT-59-477	1.00 x .50 (25.40 x 12.70)	84	●	●	●	●	R6000
THT-59-478	1.00 x .50 (25.40 x 12.70)	84	●	●	●	●	R6000
THT-59-479	1.00 x .50 (25.40 x 12.70)	84	●	●	●	●	R6000
THT-59-487	1.00 x .50 (25.40 x 12.70)	84	●	●	●	●	R6000
THT-59-497	1.00 x .50 (25.40 x 12.70)	85	●	●	●	●	R6000
THT-60-457	1.50 x .125 (38.10 x 3.18)	86	●	●	●	●	R6000

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

● Yes, this material will work with this application.

✗ No, this material does not work with this application.

▲ In extreme high temperatures, testing of these materials is recommended.

Circuit Board and Component Identification

CONTINUED

POLYIMIDES CONTINUED

High-Temperature White Polyimides (B-457, B-487, B-497)

Static Dissipative Polyimide (B-477, B-478, B-479)

High-Temperature Amber Polyimide (B-426)

Removable Amber Polyimide (B-436)



Part Number	Size Inch (mm)	Specifications on Page	Through Hole Technology Top	Through Hole Technology Bottom	SMT Top / Bottom	After Process	Recommended Ribbon Series*
THT-60-477	1.50 x .125 (38.10 x 3.18)	86	●	●	●	●	R6000
THT-60-478	1.50 x .125 (38.10 x 3.18)	86	●	●	●	●	R6000
THT-60-479	1.50 x .125 (38.10 x 3.18)	86	●	●	●	●	R6000
THT-60-487	1.50 x .125 (38.10 x 3.18)	86	●	●	●	●	R6000
THT-60-497	1.50 x .125 (38.10 x 3.18)	86	●	●	●	●	R6000
THT-70-457	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R6000
THT-70-477	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R6000
THT-70-478	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R6000
THT-70-479	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R6000
THT-70-487	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R6000
THT-70-497	.25 x .25 (6.35 x 6.35)	80	●	●	●	●	R6000
THT-71-457	.315 x .315 (8.00 x 8.00)	80	●	●	●	●	R6000
THT-71-478	.315 x .315 (8.00 x 8.00)	80	●	●	●	●	R6000
THT-71-479	.315 x .315 (8.00 x 8.00)	80	●	●	●	●	R6000
THT-72-457	1.75 x .25 (44.45 x 6.35)	86	●	●	●	●	R6000
THT-72-478	1.75 x .25 (44.45 x 6.35)	86	●	●	●	●	R6000
THT-72-479	1.75 x .25 (44.45 x 6.35)	86	●	●	●	●	R6000
THT-72-497	1.75 x .25 (44.45 x 6.35)	86	●	●	●	●	R6000
THT-96-477	.50 x .275 (12.70 x 7.00)	81	●	●	●	●	R6000
THT-96-487	.50 x .275 (12.70 x 7.00)	81	●	●	●	●	R6000
THT-96-497	.50 x .275 (12.70 x 7.00)	81	●	●	●	●	R6000
THT-97-457	.50 x .20 (12.70 x 5.08)	81	●	●	●	●	R6000
THT-97-477	.50 x .20 (12.70 x 5.08)	81	●	●	●	●	R6000
THT-97-478	.50 x .20 (12.70 x 5.08)	81	●	●	●	●	R6000
THT-97-479	.50 x .20 (12.70 x 5.08)	81	●	●	●	●	R6000
THT-97-487	.50 x .20 (12.70 x 5.08)	81	●	●	●	●	R6000
THT-97-497	.50 x .20 (12.70 x 5.08)	81	●	●	●	●	R6000
THT-98-477	.50 x .275 (12.70 x 7.00)	81	●	●	●	●	R6000
THT-98-478	.50 x .275 (12.70 x 7.00)	81	●	●	●	●	R6000
THT-98-479	.50 x .275 (12.70 x 7.00)	81	●	●	●	●	R6000
THT-98-487	.50 x .275 (12.70 x 7.00)	81	●	●	●	●	R6000
THT-98-497	.50 x .275 (12.70 x 7.00)	81	●	●	●	●	R6000
THT-99-477	.50 x .50 (12.70 x 12.70)	81	●	●	●	●	R6000
THT-99-478	.50 x .50 (12.70 x 12.70)	81	●	●	●	●	R6000
THT-99-479	.50 x .50 (12.70 x 12.70)	81	●	●	●	●	R6000
THT-99-487	.50 x .50 (12.70 x 12.70)	81	●	●	●	●	R6000
THT-99-497	.50 x .50 (12.70 x 12.70)	81	●	●	●	●	R6000
THT-103-426	1.00 x .25 (25.40 x 6.35)	83	●	●	●	●	R4300
THT-103-457	1.00 x .25 (25.40 x 6.35)	83	●	●	●	●	R6000
THT-103-477	1.00 x .25 (25.40 x 6.35)	83	●	●	●	●	R6000
THT-103-478	1.00 x .25 (25.40 x 6.35)	84	●	●	●	●	R6000
THT-103-479	1.00 x .25 (25.40 x 6.35)	84	●	●	●	●	R6000
THT-103-487	1.00 x .25 (25.40 x 6.35)	84	●	●	●	●	R6000
THT-103-497	1.00 x .25 (25.40 x 6.35)	84	●	●	●	●	R6000
THT-104-497	.315 x .177 (8.00 x 4.50)	80	●	●	●	●	R6000

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

● Yes, this material will work with this application.

✗ No, this material does not work with this application.

▲ In extreme high temperatures, testing of these materials is recommended.

Circuit Board and Component Identification

CONTINUED

POLYESTERS

Permanent White Polyesters (B-422, B-423, B-459, B-488)

Static Dissipative Polyester (B-473)

Removable Polyester (B-433)



Part Number	Size Inch (mm)	Specifications on Page	Through Hole Top	Hole Technology Bottom	SMT Top / Bottom	After Process	Recommended Ribbon Series*
THT-1-423	.75 x .25 (19.05 x 6.35)	82	▲	✗	✗	●	R6000
THT-1-459	.75 x .25 (19.05 x 6.35)	82	▲	✗	✗	●	R6000
THT-1-473	.75 x .25 (19.05 x 6.35)	82	▲	✗	✗	●	R6000
THT-1-488	.75 x .25 (19.05 x 6.35)	83	▲	✗	✗	●	R4300
THT-2-423	.90 x .25 (22.86 x 6.35)	83	▲	✗	✗	●	R6000
THT-2-459	.90 x .25 (22.86 x 6.35)	83	▲	✗	✗	●	R6000
THT-2-473	.90 x .25 (22.86 x 6.35)	83	▲	✗	✗	●	R6000
THT-2-488	.90 x .25 (22.86 x 6.35)	83	▲	✗	✗	●	R4300
THT-3-423	1.00 x .375 (25.40 x 9.53)	84	▲	✗	✗	●	R6000
THT-3-473	1.00 x .375 (25.40 x 9.53)	84	▲	✗	✗	●	R6000
THT-4-423	1.50 x .25 (38.10 x 6.35)	86	▲	✗	✗	●	R6000
THT-4-473	1.50 x .25 (38.10 x 6.35)	86	▲	✗	✗	●	R6000
THT-5-423	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R6000
THT-5-433	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R6000
THT-5-459	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R6000
THT-5-473	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R6000
THT-11-423	.25 x .25 (6.35 x 6.35)	80	▲	✗	✗	●	R6000
THT-11-473	.25 x .25 (6.35 x 6.35)	80	▲	✗	✗	●	R6000
THT-12-423	.50 x .437 (12.70 x 11.10)	81	▲	✗	✗	●	R6000
THT-12-433	.50 x .437 (12.70 x 11.10)	81	▲	✗	✗	●	R6000
THT-12-473	.50 x .437 (12.70 x 11.10)	81	▲	✗	✗	●	R6000
THT-13-423	1.25 x .25 (31.75 x 6.35)	85	▲	✗	✗	●	R6000
THT-13-433	1.25 x .25 (31.75 x 6.35)	85	▲	✗	✗	●	R6000
THT-13-473	1.25 x .25 (31.75 x 6.35)	85	▲	✗	✗	●	R6000
THT-14-423	.65 x .20 (16.51 x 5.08)	82	▲	✗	✗	●	R6000
THT-14-459	.65 x .20 (16.51 x 5.08)	82	▲	✗	✗	●	R6000
THT-14-473	.65 x .20 (16.51 x 5.08)	82	▲	✗	✗	●	R6000
THT-14-488	.65 x .20 (16.51 x 5.08)	82	▲	✗	✗	●	R4300
THT-15-423	2.00 x .25 (50.80 x 6.35)	87	▲	✗	✗	●	R6000
THT-15-459	2.00 x .25 (50.80 x 6.35)	87	▲	✗	✗	●	R6000
THT-15-473	2.00 x .25 (50.80 x 6.35)	87	▲	✗	✗	●	R6000
THT-15-488	2.00 x .25 (50.80 x 6.35)	87	▲	✗	✗	●	R4300
THT-16-423	3.00 x .25 (76.20 x 6.35)	88	▲	✗	✗	●	R6000
THT-28-423	1.50 x .125 (38.10 x 3.18)	86	▲	✗	✗	●	R6000
THT-29-423	1.25 x .375 (31.75 x 9.53)	84	▲	✗	✗	●	R6000
THT-36-422	.50 x .20 (12.70 x 5.08)	81	▲	✗	✗	●	R6000
THT-36-423	.50 x .20 (12.70 x 5.08)	81	▲	✗	✗	●	R6000
THT-36-473	.50 x .20 (12.70 x 5.08)	81	▲	✗	✗	●	R6000
THT-38-423	.375 x .375 (9.53 x 9.53)	80	▲	✗	✗	●	R6000
THT-38-473	.375 x .375 (9.53 x 9.53)	80	▲	✗	✗	●	R6000
THT-40-423	1.375 x .25 (34.93 x 6.35)	85	▲	✗	✗	●	R6000
THT-41-423	1.00 x .187 (25.40 x 4.75)	83	▲	✗	✗	●	R6000
THT-42-423	1.00 x .187 (25.40 x 4.75)	83	▲	✗	✗	●	R6000
THT-43-423	1.25 x .25 (31.75 x 6.35)	85	▲	✗	✗	●	R6000
THT-43-473	1.25 x .25 (31.75 x 6.35)	85	▲	✗	✗	●	R6000
THT-44-423	1.38 x .25 (35.05 x 6.35)	85	▲	✗	✗	●	R6000
THT-45-423	1.50 x .25 (38.10 x 6.35)	86	▲	✗	✗	●	R6000
THT-45-473	1.50 x .25 (38.10 x 6.35)	86	▲	✗	✗	●	R6000
THT-46-423	.75 x .25 (19.05 x 6.35)	82	▲	✗	✗	●	R6000
THT-46-473	.75 x .25 (19.05 x 6.35)	82	▲	✗	✗	●	R6000

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

● Yes, this material will work with this application.

✗ No, this material does not work with this application.

▲ In extreme high temperatures, testing of these materials is recommended.

Circuit Board and Component Identification

CONTINUED

POLYESTERS CONTINUED

Permanent White Polyesters (B-422, B-423, B-459, B-488)

Static Dissipative Polyester (B-473)

Removable Polyester (B-433)



Part Number	Size Inch (mm)	Specifications on Page	Through Hole Technology Top	Through Hole Technology Bottom	SMT Top / Bottom	After Process	Recommended Ribbon Series*
THT-47-423	.65 x .20 (16.51 x 5.08)	82	▲	✗	✗	●	R6000
THT-47-473	.65 x .20 (16.51 x 5.08)	82	▲	✗	✗	●	R6000
THT-48-423	2.00 x .25 (50.80 x 6.35)	87	▲	✗	✗	●	R6000
THT-48-473	2.00 x .25 (50.80 x 6.35)	87	▲	✗	✗	●	R6000
THT-49-423	.90 x .25 (22.86 x 6.35)	83	▲	✗	✗	●	R6000
THT-49-473	.90 x .25 (22.86 x 6.35)	83	▲	✗	✗	●	R6000
THT-50-423	.75 x .75 (19.05 x 19.05)	83	▲	✗	✗	●	R6000
THT-51-423	1.00 x .25 (25.40 x 6.35)	83	▲	✗	✗	●	R6000
THT-57-473	.70 x .375 (17.78 x 9.53)	82	▲	✗	✗	●	R6000
THT-58-473	1.00 x .375 (25.40 x 9.53)	84	▲	✗	✗	●	R6000
THT-59-423	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R6000
THT-59-473	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R6000
THT-70-473	.25 x .25 (6.35 x 6.35)	80	▲	✗	✗	●	R6000
THT-79-423	2.00 x .40 (50.80 x 10.16)	87	▲	✗	✗	●	R6000
THT-96-473	.50 x .275 (12.70 x 6.99)	81	▲	✗	✗	●	R6000
THT-97-423	.50 x .20 (12.70 x 5.08)	81	▲	✗	✗	●	R6000
THT-97-473	.50 x .20 (12.70 x 5.08)	81	▲	✗	✗	●	R6000
THT-98-473	.50 x .275 (12.70 x 6.99)	81	▲	✗	✗	●	R6000
THT-99-473	.50 x .50 (12.70 x 12.70)	81	▲	✗	✗	●	R6000
THT-100-473	.70 x .375 (17.78 x 9.53)	82	▲	✗	✗	●	R6000
THT-103-423	1.00 x .25 (25.40 x 6.35)	83	▲	✗	✗	●	R6000
THT-103-473	1.00 x .25 (25.40 x 6.35)	83	▲	✗	✗	●	R6000

METALLIZED POLYESTERS

Permanent Metallized Polyester (B-428)

Rough Surface Metallized Polyester (B-434)

Glossy Metallized Polyester (B-435)

Tamper-Evident Metallized Polyester (B-438)



Part Number	Size Inch (mm)	Specifications on Page	Through Hole Technology Top	Through Hole Technology Bottom	SMT Top / Bottom	After Process	Recommended Ribbon Series*
THT-1-428	.75 x .25 (19.05 x 6.35)	83	▲	✗	✗	●	R4300
THT-1-435	.75 x .25 (19.05 x 6.35)	83	▲	✗	✗	●	R6000
THT-1-438	.75 x .25 (19.05 x 6.35)	83	▲	✗	✗	●	R4300
THT-3-428	1.00 x .375 (25.40 x 9.53)	84	▲	✗	✗	●	R4300
THT-5-428	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R4300
THT-5-434	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R6000
THT-5-435	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R6000
THT-5-438	1.00 x .50 (25.40 x 12.70)	84	▲	✗	✗	●	R4300
THT-12-428	.50 x .437 (12.70 x 11.10)	81	▲	✗	✗	●	R4300
THT-12-435	.50 x .437 (12.70 x 11.10)	81	▲	✗	✗	●	R6000
THT-12-438	.50 x .437 (12.70 x 11.10)	81	▲	✗	✗	●	R4300
THT-14-438	.65 x .20 (16.51 x 5.08)	82	▲	✗	✗	●	R4300

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

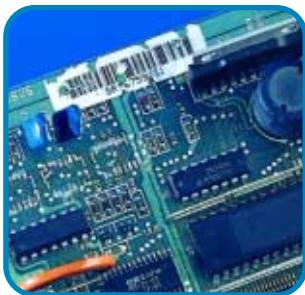
● Yes, this material will work with this application.

✗ No, this material does not work with this application.

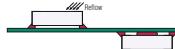
▲ In extreme high temperatures, testing of these materials is recommended.

Circuit Board and Component Identification

CONTINUED



The B-351 tamper-resistant vinyl label destroys itself upon removal.



MISCELLANEOUS MATERIALS

Tamper-Resistant White Vinyl (B-351)

Flame-Retardant White or Yellow Tedlar® (B-437)

White Vinyl Cloth Repositional Adhesive (B-400)

Part Number	Size Inch (mm)	Specifications on Page	Through Hole Technology Top	Hole Technology Bottom	SMT Top / Bottom	After Process	Recommended Ribbon Series*
THT-1-351	.75 x .25 (19.05 x 6.35)	82	▲	X	X	●	R4300
THT-1-400	.75 x .25 (19.05 x 6.35)	82	▲	X	X	●	R4300
THT-1-437W	.75 x .25 (19.05 x 6.35)	82	▲	X	X	●	R4300
THT-2-437W	.90 x .25 (22.86 x 6.35)	83	▲	X	X	●	R4300
THT-4-351	1.50 x .25 (38.10 x 6.35)	86	▲	X	X	●	R4300
THT-5-351	1.00 x .50 (25.40 x 12.70)	84	▲	X	X	●	R4300
THT-5-437W	1.00 x .50 (25.40 x 12.70)	84	▲	X	X	●	R4300
THT-5-437Y	1.00 x .50 (25.40 x 12.70)	84	▲	X	X	●	R4300
THT-12-351	.50 x .437 (12.70 x 11.10)	81	▲	X	X	●	R4300
THT-14-351	.65 x .20 (16.51 x 5.08)	82	▲	X	X	●	R4300
THT-14-400	.65 x .20 (16.51 x 5.08)	82	▲	X	X	●	R4300
THT-14-437W	.65 x .20 (16.51 x 5.08)	82	▲	X	X	●	R4300
THT-15-351	2.00 x .25 (50.80 x 6.35)	87	▲	X	X	●	R4300
THT-29-437W	1.25 x .375 (31.75 x 9.53)	85	▲	X	X	●	R4300
THT-29-437Y	1.25 x .375 (31.75 x 9.53)	85	▲	X	X	●	R4300

Tedlar® is a registered trademark of DuPont

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

● Yes, this material will work with this application.

✗ No, this material does not work with this application.

▲ In extreme high temperatures, testing of these materials is recommended.

Wire and Cable Marking

Self-Extinguishing White or Yellow Tedlar® Film For cable marking (B-437)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-21-437W	3.00 (76.20) x 100 LYD	89	R4300
THT-21-437Y	3.00 (76.20) x 100 LYD	89	R4300
THT-105-437W	1.50 (38.10) x 100 LYD	86	R4300
THT-105-437Y	1.50 (38.10) x 100 LYD	86	R4300

Self-Laminating Vinyl (B-427) For flat ribbon cable marking.

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-10-427	1.00 x 3.75 (25.40 x 95.25)	90	R6200
THT-27-427	2.00 x 3.75 (50.80 x 95.25)	90	R6200

Self-Laminating Vinyl (B-427) For wire and cable identification.

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-8-427	.50 x 1.437 (12.70 x 36.50)	90	R6200
THT-9-427	1.00 x 1.437 (25.40 x 36.50)	90	R6200
THT-10-427	1.00 x 3.75 (25.40 x 95.25)	90	R6200
THT-26-427	2.50 x 2.25 (63.50 x 57.15)	90	R6200
THT-27-427	2.00 x 3.75 (50.80 x 95.25)	90	R6200
THT-56-427	.75 x .9375 (19.05 x 23.81)	90	R6200
THT-61-427	.50 x 1.437 (12.70 x 36.50)	91	R6200
THT-62-427	.75 x 1.75 (19.05 x 44.45)	91	R6200
THT-63-427	.80 x 1.437 (20.32 x 36.50)	91	R6200
THT-64-427	1.00 x 2.25 (25.40 x 57.15)	91	R6200
THT-65-427	1.00 x 3.75 (25.40 x 95.25)	91	R6200
THT-66-427	1.90 x 3.187 (48.26 x 80.95)	91	R6200
THT-67-427	2.00 x 2.25 (50.80 x 57.15)	91	R6200
THT-73-427	.75 x 1.75 (19.05 x 44.45)	90	R6200
THT-74-427	.80 x 1.437 (20.32 x 36.50)	90	R6200
THT-75-427	1.00 x 2.25 (25.40 x 57.15)	90	R6200
THT-80-427	.50 x .75 (12.70 x 19.05)	90	R6200
THT-81-427	1.00 x 6.00 (25.40 x 152.40)	90	R6200
THT-82-427	2.00 x 6.00 (50.80 x 152.40)	90	R6200
THT-83-427	2.00 x 7.00 (50.80 x 177.80)	90	R6200
THT-84-427	1.00 x 6.00 (25.40 x 152.40)	91	R6200
THT-85-427	2.00 x 6.00 (50.80 x 152.40)	91	R6200
THT-86-427	2.00 x 7.00 (50.80 x 177.80)	91	R6200

Perforations exist between each row of labels for easy tear-off or fan folding.

General Purpose Nylon Cloth (B-499) Permanent Adhesive

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-68-499	.50 x .75 (12.70 x 19.05)	81	R4900
THT-69-499	.80 x 1.437 (20.32 x 36.50)	83	R4900

White Vinyl Cloth Repositionable Adhesive (B-400)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-5-400	1.00 x .50 (25.40 x 12.70)	84	R4300
THT-68-400	.50 x .75 (12.70 x 19.05)	81	R4300
THT-68-400-FF	.50 x .75 (12.70 x 19.05)	81	R4300
THT-87-400	.50 x 1.44 (12.70 x 36.50)	81	R4300
THT-87-400-FF	.50 x 1.44 (12.70 x 36.50)	81	R4300
THT-88-400	1.00 x .75 (25.40 x 19.05)	85	R4300
THT-88-400-FF	1.00 x .75 (25.40 x 19.05)	85	R4300
THT-89-400	1.00 x 1.44 (25.40 x 36.50)	85	R4300
THT-89-400-FF	1.00 x 1.44 (25.40 x 36.50)	85	R4300
THT-90-400	.25 x 1.437 (6.35 x 36.50)	80	R4300
THT-90-400-FF	.25 x 1.437 (6.35 x 36.50)	80	R4300
THT-91-400	.75 x .94 (19.05 x 23.80)	83	R4300
THT-91-400-FF	.75 x .94 (19.05 x 23.80)	83	R4300
THT-95-400	.80 x 1.44 (20.32 x 36.50)	83	R4300
THT-95-400-FF	.80 x 1.44 (20.32 x 36.50)	83	R4300

Tedlar® is a registered trademark of DuPont.

Perforations exist between each row of labels for easy tear-off or fan folding.

-FF part numbers refer to fan folded labels.

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.



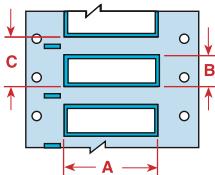
B-437 Yellow Tedlar in aerospace applications provides permanent identification of wire bundles.



Identifying flat ribbon and multi-paired color cable is fast and easy with legends this sharp.

Sleeves for Wire and Cable Marking by Size

3-TO-1 SHRINK RATIO ONE-SIDED PRINTABLE PERMASLEEVE™ WIRE MARKERS



PermaSleeve markers fit snugly around wires for maximum insulation protection and permanent identification.



Brady PermaSleeve full-circle insulating wire markers meet the rigid insulating, material requirements and physical properties of MIL-DTL-23053/5 Class 1, MIL-M-81531, MIL-STD-202F, METHOD 215, and UL224. The heat-shrinkable irradiated polyolefin does not smudge or fade when printed, while the unique flattened full-circle design provides fast, permanent wire marking. PermaSleeve markers may be printed on Brady's thermal transfer printers.

White Polyolefin (B-342) One-Sided Printable PermaSleeve Markers

Part Number	Markers Per Box	Range of Wire Dia. Inch (mm) Min. Max.	Approx. Wire Gauge**	Marker Width Inch (mm) A	Marker Height Inch (mm) B	Vertical Repeat Inch (mm) C	Recommended Ribbon Series*
1.50" Marker Width							
PS-094-150W	2,500	.023 (0.58)–.080 (2.03)	28-18	1.50 (38.10)	.182 (4.60)	.50 (12.70)	R4300
PS-094-150W-S	500	.023 (0.58)–.080 (2.03)	28-18	1.50 (38.10)	.182 (4.60)	.50 (12.70)	R4300
PS-125-150W	2,500	.046 (1.17)–.110 (2.79)	22-16	1.50 (38.10)	.235 (6.00)	.50 (12.70)	R4300
PS-125-150W-S	500	.046 (1.17)–.110 (2.79)	22-16	1.50 (38.10)	.235 (6.00)	.50 (12.70)	R4300
PS-187-150W	2,500	.062 (1.57)–.150 (3.81)	18-12	1.50 (38.10)	.335 (8.50)	.625 (15.88)	R4300
PS-187-150W-S	500	.062 (1.57)–.150 (3.81)	18-12	1.50 (38.10)	.335 (8.50)	.625 (15.88)	R4300
PS-250-150W	2,500	.094 (2.39)–.215 (5.46)	16-10	1.50 (38.10)	.439 (11.15)	.75 (19.05)	R4300
PS-250-150W-S	500	.094 (2.39)–.215 (5.46)	16-10	1.50 (38.10)	.439 (11.15)	.75 (19.05)	R4300
PS-375-150W	1,000	.125 (3.18)–.320 (8.13)	12-6	1.50 (38.10)	.645 (16.40)	1.00 (25.40)	R4300
PS-375-150W-S	250	.125 (3.18)–.320 (8.13)	12-6	1.50 (38.10)	.645 (16.40)	1.00 (25.40)	R4300
PS-500-150W	500	.187 (4.75)–.450 (11.43)	8-1	1.50 (38.10)	.851 (21.60)	1.25 (31.75)	R4300
PS-500-150W-S	250	.187 (4.75)–.450 (11.43)	8-1	1.50 (38.10)	.851 (21.60)	1.25 (31.75)	R4300

Part Number	Markers Per Box	Range of Wire Dia. Inch (mm) Min. Max.	Approx. Wire Gauge**	Marker Width Inch (mm) A	Marker Height Inch (mm) B	Vertical Repeat Inch (mm) C	Recommended Ribbon Series*
2.00" Marker Width							
PS-094-2W	2,500	.023 (0.58)–.080 (2.03)	28-18	2.00 (50.80)	.182 (4.60)	.50 (12.70)	R4300
PS-094-2W-S	500	.023 (0.58)–.080 (2.03)	28-18	2.00 (50.80)	.182 (4.60)	.50 (12.70)	R4300
PS-125-2W	2,500	.046 (1.17)–.110 (2.79)	22-16	2.00 (50.80)	.235 (6.00)	.50 (12.70)	R4300
PS-125-2W-S	500	.046 (1.17)–.110 (2.79)	22-16	2.00 (50.80)	.235 (6.00)	.50 (12.70)	R4300
PS-187-2W	2,500	.062 (1.57)–.150 (3.81)	18-12	2.00 (50.80)	.335 (8.50)	.625 (15.88)	R4300
PS-187-2W-S	500	.062 (1.57)–.150 (3.81)	18-12	2.00 (50.80)	.335 (8.50)	.625 (15.88)	R4300
PS-250-2W	2,500	.094 (2.39)–.215 (5.46)	16-10	2.00 (50.80)	.439 (11.15)	.75 (19.05)	R4300
PS-250-2W-S	500	.094 (2.39)–.215 (5.46)	16-10	2.00 (50.80)	.439 (11.15)	.75 (19.05)	R4300
PS-375-2W	1,000	.125 (3.18)–.320 (8.13)	12-6	2.00 (50.80)	.645 (16.40)	1.00 (25.40)	R4300
PS-375-2W-S	250	.125 (3.18)–.320 (8.13)	12-6	2.00 (50.80)	.645 (16.40)	1.00 (25.40)	R4300
PS-500-2W	500	.187 (4.75)–.450 (11.43)	8-1	2.00 (50.80)	.851 (21.60)	1.25 (31.75)	R4300
PS-500-2W-S	250	.187 (4.75)–.450 (11.43)	8-1	2.00 (50.80)	.851 (21.60)	1.25 (31.75)	R4300

2-to-1 Shrink Ratio White Polyolefin (B-341) One-Sided Printable PermaSleeve Markers

Part Number	Markers Per Box	Range of Wire Dia. Inch (mm) Min. Max.	Approx. Wire Gauge*	Marker Width Inch (mm) A	Marker Height Inch (mm) B	Vertical Repeat Inch (mm) C	Recommended Ribbon Series*
2.00" Marker Width							
PS-1000-2W	250	.450 (11.43)–.950 (24.13)	1-500	2.00 (50.80)	1.66 (42.16)	2.00 (50.80)	R4300

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

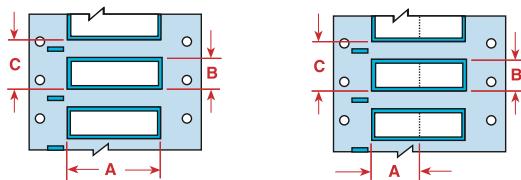
**Based on National Electric Code insulation measurement of THHN wire.

Sleeves may be perforated at factory for shorter marker lengths. Depending on overall length, sleeves may be perforated in halves, thirds or fourths. Contact your Brady Identification Solutions Distributor or Customer Service Representative for ordering information.

Sleeves for Wire and Cable Identification

CONTINUED

3-TO-1 SHRINK RATIO TWO-SIDED PRINTABLE PERMASLEEVE™ MARKERS



PermaSleeve full-circle markers are available in a 3-to-1 shrink ratio to cover a wider range of wire diameters per sleeve size.



Brady's PermaSleeve markers provide a complete wire marking solution that combines speed, ease of use, and permanence to create long-lasting, high quality identification.

White Polyolefin (B-342) Two-Sided Printable PermaSleeve Markers

Part Number	Markers Per Box	Range of Wire Dia. Inch (mm) Min. Max.	Approx. Wire Gauge**	Marker Width Inch (mm) A	Marker Height Inch (mm) B	Vertical Repeat Inch (mm) C	Recommended Ribbon Series*
2.00" Marker Width							
3PS-094-2W	2,500	.023 (.58)–.080 (2.03)	28-18	2.00 (50.80)	.182 (4.60)	.50 (12.70)	R4300
3PS-094-2W-S	500	.023 (.58)–.080 (2.03)	28-18	2.00 (50.80)	.182 (4.60)	.50 (12.70)	R4300
3PS-125-2W	2,500	.046 (1.17)–.110 (2.79)	22-16	2.00 (50.80)	.235 (6.00)	.50 (12.70)	R4300
3PS-125-2W-S	500	.046 (1.17)–.110 (2.79)	22-16	2.00 (50.80)	.235 (6.00)	.50 (12.70)	R4300
3PS-187-2W	2,500	.062 (1.57)–.150 (3.81)	18-12	2.00 (50.80)	.335 (8.50)	.625 (16.00)	R4300
3PS-187-2W-S	500	.062 (1.57)–.150 (3.81)	18-12	2.00 (50.80)	.335 (8.50)	.625 (16.00)	R4300
3PS-250-2W	2,500	.094 (2.39)–.215 (5.46)	16-10	2.00 (50.80)	.439 (11.15)	.75 (19.05)	R4300
3PS-250-2W-S	500	.094 (2.39)–.215 (5.46)	16-10	2.00 (50.80)	.439 (11.15)	.75 (19.05)	R4300
3PS-375-2W	1,000	.125 (3.18)–.320 (8.13)	12-6	2.00 (50.80)	.645 (16.40)	1.00 (25.40)	R4300
3PS-375-2W-S	250	.125 (3.18)–.320 (8.13)	12-6	2.00 (50.80)	.645 (16.40)	1.00 (25.40)	R4300
3PS-500-2W	500	.187 (4.75)–.450 (11.43)	8-1	2.00 (50.80)	.851 (21.60)	1.25 (31.75)	R4300
3PS-500-2W-S	250	.187 (4.75)–.450 (11.43)	8-1	2.00 (50.80)	.851 (21.60)	1.25 (31.75)	R4300

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

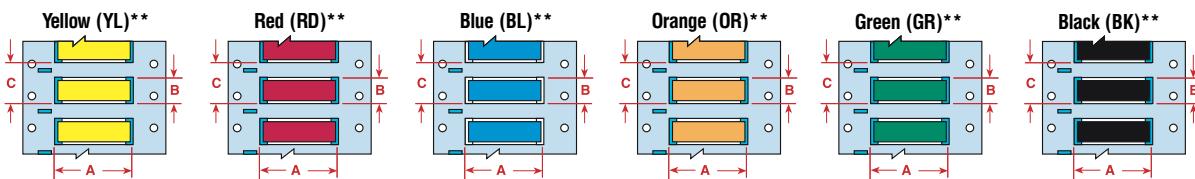
**Based on National Electric Code insulation measurement of THHN wire.

Sleeves may be perforated at factory for shorter marker lengths. Depending on overall length, sleeves may be perforated in halves, thirds or fourths. Contact your Brady Identification Solutions Distributor or Customer Service Representative for ordering information.

Sleeves for Wire and Cable Identification

CONTINUED

COLORED TWO-SIDED 3-TO-1 SHRINK RATIO PERMASLEEVE™ MARKERS



PermaSleeve full-circle markers are available in a 3-to-1 shrink ratio to cover a wider range of wire diameters per sleeve size.

3-to-1 Shrink Ratio Colored Polyolefin (B-342) Two-Sided Printable PermaSleeve Markers

Part Number	Markers Per Box	Range of Wire Dia. Inch (mm)	Approx. Wire Gauge***	Marker Width Inch (mm) A	Marker Height Inch (mm) B	Vertical Repeat Inch (mm) C	Recommended Ribbon Series*
2.00" Marker Width							
3PS-094-2-YL	2,500	.023 (0.58)–.080 (2.03)	28-18	2.00 (50.80)	.182 (4.60)	.50 (12.70)	R4300
3PS-094-2**-S	500	.023 (0.58)–.080 (2.03)	28-18	2.00 (50.80)	.182 (4.60)	.50 (12.70)	R4300
3PS-125-2Y	2,500	.046 (1.17)–.110 (2.79)	22-16	2.00 (50.80)	.235 (6.00)	.50 (12.70)	R4300
3PS-125-2**-S	500	.046 (1.17)–.110 (2.79)	22-16	2.00 (50.80)	.235 (6.00)	.50 (12.70)	R4300
3PS-187-2Y	2,500	.062 (1.57)–.150 (3.81)	18-12	2.00 (50.80)	.335 (8.50)	.625 (15.88)	R4300
3PS-187-2**-S	500	.062 (1.57)–.150 (3.81)	18-12	2.00 (50.80)	.335 (8.50)	.625 (16.00)	R4300
3PS-250-2Y	2,500	.094 (2.39)–.215 (5.46)	16-10	2.00 (50.80)	.439 (11.15)	.75 (19.05)	R4300
3PS-250-2**-S	500	.094 (2.39)–.215 (5.46)	16-10	2.00 (50.80)	.439 (11.15)	.75 (19.05)	R4300
3PS-375-2Y	1,000	.125 (3.18)–.320 (8.13)	12-6	2.00 (50.80)	.645 (16.40)	1.00 (25.40)	R4300
3PS-375-2**-S	250	.125 (3.18)–.320 (8.13)	12-6	2.00 (50.80)	.645 (16.40)	1.00 (25.40)	R4300
3PS-500-2Y	500	.187 (4.75)–.450 (11.43)	8-1	2.00 (50.80)	.851 (21.60)	1.25 (31.75)	R4300
3PS-500-2**-S	250	.187 (4.75)–.450 (11.43)	8-1	2.00 (50.80)	.851 (21.60)	1.25 (31.75)	R4300

Contact your Brady Identification Solutions Distributor or Customer Service Representative for ordering information.

**When ordering a color add YL (Yellow), RD (Red), BL (Blue), OR (Orange), GR (Green), BK (Black).

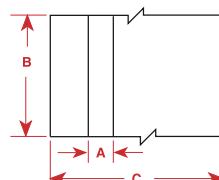
2-to-1 Shrink Ratio Colored Polyolefin (B-341) One-Sided Printable PermaSleeve Markers

Part Number	Markers Per Box	Range of Wire Dia. Inch (mm)	Approx. Wire Gauge***	Marker Width Inch (mm) A	Marker Height Inch (mm) B	Vertical Repeat Inch (mm) C	Recommended Ribbon Series*
2.00" Marker Width							
PS-1000-2Y	250	.450 (11.43)–.950 (24.13)	1-500	2.00 (50.80)	1.66 (42.16)	2.00 (50.80)	R4300
PS-1000-2BK-S	100	.450 (11.43)–.950 (24.13)	1-500	2.00 (50.80)	1.66 (42.16)	2.00 (50.80)	R4300

***Based on National Electric Code insulation measurement of THHN wire.

Sleeves may be perforated at factory for shorter marker lengths. Depending on overall length, sleeves may be perforated in halves, thirds or fourths. Contact your Brady Identification Solutions Distributor or Customer Service Representative for ordering information.

Terminal Block Marking



White Vinyl Cloth (B-400)

Part Number	Inches Per Package	Label Size Inch (mm)	Label Width A	Label Height B	Web Width C	Specifications On Page	Recommended Ribbon Series*
THT-92-400-2	2,000	.375 x 2000 (9.53 x 50800)	.375	Continuous	1" (25.4)	80	R4300
THT-93-400-2	2,000	.318 x 2000 (8.08 x 50800)	.318	Continuous	1" (25.4)	80	R4300
THT-94-400-2	2,000	.240 x 2000 (6.10 x 50800)	.240	Continuous	1" (25.4)	80	R4300

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.

General Identification

RATING PLATES AND ASSET IDENTIFICATION

General-Purpose White Paper (B-424, B-402) Removable White Paper (B-408)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-17-402	2.00 x 1.00 (50.80 x 25.40)	87	R6100
THT-17-408	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-17-424	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-18-402	3.00 x 1.00 (76.20 x 25.40)	88	R6100
THT-18-408	3.00 x 1.00 (76.20 x 25.40)	88	R4300
THT-18-424	3.00 x 1.00 (76.20 x 25.40)	88	R4300
THT-19-402	3.00 x 2.00 (76.20 x 50.80)	88	R6100
THT-19-408	3.00 x 2.00 (76.20 x 50.80)	88	R4300
THT-19-424	3.00 x 2.00 (76.20 x 50.80)	88	R4300
THT-20-402	3.00 x 5.00 (76.20 x 127.00)	89	R6100
THT-20-408	3.00 x 5.00 (76.20 x 127.00)	89	R4300
THT-25-402	4.00 x 6.00 (101.60 x 152.40)	89	R6100
THT-25-408	4.00 x 6.00 (101.60 x 152.40)	89	R4300
THT-53-424	2.00 x .500 (50.80 x 12.70)	87	R4300
THT-55-402	4.00 x 2.00 (101.60 x 50.80)	89	R6100
THT-55-408	4.00 x 2.00 (101.60 x 50.80)	89	R4300
THT-55-424	4.00 x 2.00 (101.60 x 50.80)	89	R4300
THT-77-402	4.00 x 4.00 (101.60 x 101.60)	89	R6100
THT-78-402	4.00 x 6.50 (101.60 x 165.10)	89	R6100
THT-78-408	4.00 x 6.50 (101.60 x 165.10)	89	R4300

Permanent Metallized Polyester (B-428) Rough Surface Metallized Polyester (B-434, B-486) Glossy Metallized Polyester (B-435) Tamper-Evident Metallized Polyester (B-438)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-5-434	1.00 x .50 (25.40 x 12.70)	84	R6000
THT-5-438	1.00 x .50 (25.40 x 12.70)	84	R4300
THT-5-486	1.00 x .50 (25.40 x 12.70)	84	R4300
THT-6-428	1.50 x .75 (38.10 x 19.05)	86	R4300
THT-6-434	1.50 x .75 (38.10 x 19.05)	86	R6000
THT-6-486	1.50 x .75 (38.10 x 19.05)	86	R4300
THT-7-428	2.75 x 1.25 (69.85 x 31.75)	88	R4300
THT-7-486	2.75 x 1.25 (69.85 x 31.75)	88	R4300
THT-17-428	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-17-434	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-17-438	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-17-486	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-18-428	3.00 x 1.00 (76.20 x 25.40)	88	R4300
THT-18-434	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-435	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-438	3.00 x 1.00 (76.20 x 25.40)	88	R4300
THT-18-486	3.00 x 1.00 (76.20 x 25.40)	88	R4300
THT-19-428	3.00 x 2.00 (76.20 x 50.80)	88	R4300
THT-19-434	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-19-435	3.00 x 2.00 (76.20 x 50.80)	89	R6000
THT-19-438	3.00 x 2.00 (76.20 x 50.80)	89	R4300
THT-19-486	3.00 x 2.00 (76.20 x 50.80)	89	R4300
THT-37-428	1.50 x .50 (38.10 x 12.70)	86	R4300
THT-37-434	1.50 x .50 (38.10 x 12.70)	86	R6000
THT-37-486	1.50 x .50 (38.10 x 12.70)	86	R4300
THT-53-428	2.00 x .50 (50.80 x 12.70)	87	R4300
THT-53-486	2.00 x .50 (50.80 x 12.70)	87	R4300
THT-55-428	4.00 x 2.00 (101.60 x 50.80)	89	R4300
THT-55-434	4.00 x 2.00 (101.60 x 50.80)	89	R6000
THT-55-435	4.00 x 2.00 (101.60 x 50.80)	89	R6000
THT-59-486	1.00 x .50 (25.40 x 12.70)	84	R4300

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.



Brady's metallized polyester material is perfect for on-demand printing of serialized rating plates. It eliminates the lead time needed for purchasing pre-printed labels, giving you better control over label design and cost.



B-438 is a tamper-evident metallized polyester label that leaves a checkerboard footprint after removal.

General Identification

CONTINUED

RATING PLATES AND ASSET IDENTIFICATION CONTINUED

Clear Polyolefin (B-407) - Clear Polyester (B-430) Rough Surface Clear Polyester (B-432)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-17-407	2.00 x 1.00 (50.80 x 25.40)	87	R6200
THT-17-430	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-17-432	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-18-407	3.00 x 1.00 (76.20 x 25.40)	88	R6200
THT-18-430	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-432	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-19-407	3.00 x 2.00 (76.20 x 50.80)	88	R6200
THT-19-430	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-19-432	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-39-407	1.00 x .50 (25.40 x 12.70)	84	R6200

Permanent White Polyesters (B-422, B-423, B-459, B-483, B-488 & B-489) Removable White Polyester (B-433)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-5-422	1.00 x .50 (25.40 x 12.70)	84	R6000
THT-5-423	1.00 x .50 (25.40 x 12.70)	84	R6000
THT-5-433	1.00 x .50 (25.40 x 12.70)	84	R6000
THT-5-459	1.00 x .50 (25.40 x 12.70)	84	R6000
THT-5-483	1.00 x .50 (25.40 x 12.70)	84	R6000
THT-5-488	1.00 x .50 (25.40 x 12.70)	84	R4300
THT-5-489	1.00 x .50 (25.40 x 12.70)	84	R6000
THT-6-423	1.50 x .75 (38.10 x 19.05)	86	R6000
THT-7-422	2.75 x 1.25 (69.85 x 31.75)	88	R6000
THT-7-423	2.75 x 1.25 (69.85 x 31.75)	88	R6000
THT-7-483	2.75 x 1.25 (69.85 x 31.75)	88	R6000
THT-7-489	2.75 x 1.25 (69.85 x 31.75)	88	R6000
THT-7-422	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-7-423	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-17-483	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-17-488	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-17-489	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-18-422	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-423	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-433	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-483	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-488	3.00 x 1.00 (76.20 x 25.40)	88	R4300
THT-18-489	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-19-422	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-19-423	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-19-433	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-19-483	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-19-488	3.00 x 2.00 (76.20 x 50.80)	88	R4300
THT-19-489	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-31-423	1.10 x .38 (27.94 x 9.65)	85	R6000
THT-37-423	1.50 x .50 (38.10 x 12.70)	86	R6000
THT-37-483	1.50 x .50 (38.10 x 12.70)	86	R6000
THT-37-489	1.50 x .50 (38.10 x 12.70)	86	R6000
THT-53-423	2.00 x .50 (50.80 x 12.70)	87	R6000
THT-55-423	4.00 x 2.00 (101.60 x 50.80)	89	R6000
THT-55-483	4.00 x 2.00 (101.60 x 50.80)	89	R6000
THT-55-488	4.00 x 2.00 (101.60 x 50.80)	89	R4300
THT-55-489	4.00 x 2.00 (101.60 x 50.80)	89	R6000
THT-59-483	1.00 x 0.50 (25.40 x 12.70)	84	R6000
THT-59-489	1.00 x 0.50 (25.40 x 12.70)	84	R6000
THT-76-422	4.00 x 3.00 (101.60 x 76.20)	89	R6000
THT-76-483	4.00 x 3.00 (101.60 x 76.20)	89	R6000
THT-76-489	4.00 x 3.00 (101.60 x 76.20)	89	R6000
THT-79-423	2.00 x .40 (50.80 x 10.16)	87	R6000
THT-102-422	1.50 x .37 (38.10 x 9.40)	86	R6000

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.



Application of PermaShield labels is easy. Print the label on a thermal transfer printer and put in place, covering with the clear overlaminat.



B-520 and B-521 label materials are designed to survive exposure to harsh chemicals, such as hydrofluoric acid, as well as temperatures of more than 400°C. The materials adhere strongly to glass and a variety of metal surfaces.

General Identification

CONTINUED

RATING PLATES AND ASSET IDENTIFICATION CONTINUED

White Polyolefin (B-425)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-5-425	1.00 x .50 (25.40 x 12.70)	84	R6200
THT-7-425	2.75 x 1.25 (69.90 x 31.80)	88	R6200
THT-17-425	2.00 x 1.00 (50.80 x 25.40)	87	R6200
THT-18-425	3.00 x 1.00 (76.20 x 25.40)	88	R6200
THT-19-425	3.00 x 2.00 (76.20 x 50.80)	88	R6200
THT-20-425	3.00 x 5.00 (76.20 x 127.00)	89	R6200
THT-30-425	1.00 x .393 (25.40 x 9.98)	84	R6200
THT-55-425	4.00 x 2.00 (101.60 x 50.80)	89	R6200
THT-76-425	4.00 x 3.00 (101.60 x 76.20)	89	R6200

Removable White Polypropylene (B-449)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-5-449	1.00 x .50 (25.40 x 12.70)	84	R6200
THT-13-449	1.25 x .25 (31.75 x 6.35)	85	R6200
THT-17-449	2.00 x 1.00 (50.80 x 25.40)	87	R6200
THT-18-449	3.00 x 1.00 (76.20 x 25.40)	88	R6200
THT-19-449	3.00 x 2.00 (76.20 x 50.80)	89	R6200
THT-55-449	4.00 x 2.00 (101.60 x 50.80)	89	R6200
THT-76-449	4.00 x 3.00 (101.60 x 76.20)	89	R6200

PermaShield™ Labels (B-423/B-966) (B-428/B-966) (B-424/B-966)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-19-424	3.00 x 2.00 (76.20 x 50.80)	88	R4300
THT-20-424	3.00 x 5.00 (76.20 x 127.00)	89	R4300
THT-22-423	1.25 x .75 (31.75 x 19.05)	85	R6000
THT-22-424	1.25 x .75 (31.75 x 19.05)	85	R4300
THT-22-428	1.25 x .75 (31.75 x 19.05)	85	R4300
THT-23-423	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-23-424	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-23-428	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-24-423	2.75 x 1.75 (69.85 x 44.45)	88	R6000
THT-24-424	2.75 x 1.75 (69.85 x 44.45)	88	R4300
THT-24-428	2.75 x 1.75 (69.85 x 44.45)	88	R4300
THT-25-424	4.00 x 6.00 (101.60 x 152.40)	89	R4300

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.



Brady's durable, easy-to-read labels help you keep track of assets. Ideal for bar coded inventory control.

General Identification

CONTINUED

CONTINUOUS LABEL ROLLS

- Clear Polyolefin (B-407)**
- Permanent White Polyester (B-423, B-483 & B-489)**
- General-Purpose White Paper (B-424)**
- Metallized Polyester (B-428)**
- Translucent Polyester (B-430)**
- Rough Surface Metallized Polyester (B-434, B-486)**
- Flame-Retardant White or Yellow Tedlar® Film (B-437)**
- Tamper-Evident Metallized Polyester (B-438)**
- Colored Vinyl (B-439)**

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-21-407	3.00 (76.20) x 100 LYD	89	R6200
THT-21-423	3.00 (76.20) x 100 LYD	89	R6000
THT-21-424	3.00 (76.20) x 100 LYD	89	R4300
THT-21-428	3.00 (76.20) x 100 LYD	89	R4300
THT-21-430	3.00 (76.20) x 100 LYD	89	R6000
THT-21-434	3.00 (76.20) x 100 LYD	89	R6000
THT-21-437W	3.00 (76.20) x 100 LYD	89	R4300
THT-21-437Y	3.00 (76.20) x 100 LYD	89	R4300
THT-21-438	3.00 (76.20) x 100 LYD	89	R4300
THT-21-483	3.00 (76.20) x 100 LYD	89	R6000
THT-21-486	3.00 (76.20) x 100 LYD	89	R4300
THT-21-489	3.00 (76.20) x 100 LYD	89	R6000
THT-106-423	2.00 (50.80) x 100 LYD	87	R6000
THT-106-428	2.00 (50.80) x 100 LYD	87	R4300
THT-106-439W	2.00 (50.80) x 100 LYD	87	R6000
THT-106-483	2.00 (50.80) x 100 LYD	87	R6000
THT-106-486	2.00 (50.80) x 100 LYD	87	R4300
THT-107-423	4.00 (101.60) x 100 LYD	89	R6000
THT-107-428	4.00 (101.60) x 100 LYD	89	R4300
THT-107-439W	4.00 (101.60) x 100 LYD	89	R6000
THT-107-483	4.00 (101.60) x 100 LYD	89	R6000
THT-107-486	4.00 (101.60) x 100 LYD	89	R4300

Tedlar® is a registered trademark of DuPont.

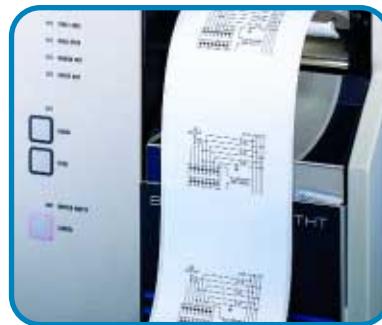
Polyethylene Tag (B-109)

Polypropylene Tag (B-412)

Polyolefin Tag (B-411)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-33-109	3.00 x 6.00 (76.20 x 152.40)	89	R4300
THT-33-411	3.00 x 6.00 (76.20 x 152.40)	89	R4300
THT-33-412	3.00 x 6.00 (76.20 x 152.40)	89	R6200

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.



Continuous rolls are ideal for prototype labels and small quantity production runs.



B-412 polypropylene tag material is designed for outdoor and harsh environmental applications.

General Identification

CONTINUED

► SECURITY LABELS

Tamper-Resistant White Vinyl (B-351)

Tamper-Resistant Silver Vinyl (B-352)

Tamper-Evident Metallized Polyester (B-438)

Tamper-Evident White Polyester (B-7546)

Tamper-Evident Silver Polyester (B-7576)

Part Number	Size Inch (mm)	Specifications on Page	Recommended Ribbon Series*
THT-5-351	1.00 x .50 (25.40 x 12.70)	84	R4300
THT-5-352	1.00 x .50 (25.40 x 12.70)	84	R6000
THT-5-438	1.00 x .50 (25.40 x 12.70)	84	R4300
THT-5-7546	1.00 x .50 (25.40 x 12.70)	85	R6000
THT-5-7576	1.00 x .50 (25.40 x 12.70)	85	R6000
THT-6-351	1.50 x .75 (38.10 x 19.05)	86	R4300
THT-6-352	1.50 x .75 (38.10 x 19.05)	86	R6000
THT-6-438	1.50 x .75 (38.10 x 19.05)	86	R6000
THT-6-7546	1.50 x .75 (38.10 x 19.05)	86	R6000
THT-6-7576	1.50 x .75 (38.10 x 19.05)	86	R6000
THT-7-351	2.75 x 1.25 (69.85 x 31.75)	88	R4300
THT-7-352	2.75 x 1.25 (69.85 x 31.75)	88	R6000
THT-7-7546	2.75 x 1.25 (69.85 x 31.75)	88	R6000
THT-7-7576	2.75 x 1.25 (69.85 x 31.75)	88	R6000
THT-17-351	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-17-352	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-17-438	2.00 x 1.00 (50.80 x 25.40)	87	R4300
THT-17-7546	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-17-7576	2.00 x 1.00 (50.80 x 25.40)	87	R6000
THT-18-351	3.00 x 1.00 (76.20 x 25.40)	88	R4300
THT-18-352	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-438	3.00 x 1.00 (76.20 x 25.40)	88	R4300
THT-18-7546	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-18-7576	3.00 x 1.00 (76.20 x 25.40)	88	R6000
THT-19-351	3.00 x 2.00 (76.20 x 50.80)	88	R4300
THT-19-352	3.00 x 2.00 (76.20 x 50.80)	88	R6000
THT-19-438	3.00 x 2.00 (76.20 x 50.80)	89	R4300
THT-19-7546	3.00 x 2.00 (76.20 x 50.80)	89	R6000
THT-19-7576	3.00 x 2.00 (76.20 x 50.80)	89	R6000
THT-37-351	1.50 x .50 (38.10 x 12.70)	86	R4300
THT-37-352	1.50 x .50 (38.10 x 12.70)	86	R6000
THT-37-7546	1.50 x .50 (38.10 x 12.70)	86	R6000
THT-37-7576	1.50 x .50 (38.10 x 12.70)	86	R6000
THT-53-351	2.00 x .50 (50.80 x 12.70)	87	R4300
THT-53-352	2.00 x .50 (50.80 x 12.70)	87	R6000
THT-53-7546	2.00 x .50 (50.80 x 12.70)	87	R6000
THT-53-7576	2.00 x .50 (50.80 x 12.70)	87	R6000
THT-59-351	1.00 x 0.50 (25.40 x 12.70)	84	R4300
THT-59-352	1.00 x 0.50 (25.40 x 12.70)	84	R6000
THT-59-7546	1.00 x 0.50 (25.40 x 12.70)	85	R6000
THT-59-7576	1.00 x 0.50 (25.40 x 12.70)	85	R6000

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 73.



Thermal Transfer
Printers & Labels

Thermal Transfer Labels General ID Labels