



THERMAL TRANSFER LABELS

Thermal Transfer Materials Chart	60 – 61	Circuit Board and Component Identification Labels	69 – 73	Industrial Thermal Transfer Materials	90
Ribbon Reference Guide – Desktop Printers . .	62	Labels for Auto Apply	74	General and Industrial Identification	91 – 95
Circuit Board and Component Identification – Desktop Printers	63	Wire and Cable Marking Labels	75 – 76	Security Identification	96
Wire and Cable Marking – Desktop Printers . .	64	Sleeves for Wire and Cable Marking	77 – 82		
General and Industrial Identification – Desktop Printers	65 – 66	Sleeves for Cable Markers	83		
Ribbon Information Guide – Benchtop Printers	67	Cable Markers	84 – 85		
Ribbon Material Cross Reference Guide	68	Diesel Resistant Sleeves	86		
		EPREP Markers	87 – 88		
		Terminal Blocks Data Communication Identification	89		






Thermal Transfer Material Chart

Thermal Transfer Labels

Type	Max. Service Temp. °C		Colour	Finish	Use	Special Properties
Nylon Cloth						
B-499	90	30 days	White	Matt	Wire and electronic component marking	Permanent adhesive HF  
Paper						
B-402	60	30 days	White	Matt	Bar code and general labelling	Aggressive adhesive for bonding to corrugated, films, plastic and steel
B-408	70	30 days	White	Matt	Bar code and general labelling	Repositionable adhesive
B-424	50	30 days	White	Matt	Bar code and general labelling	Good contrast and smear resistance
B-7604	80	30 days	White	Matt	General Labelling, packaging labels, temporary labelling	Direct Thermal Printing
B-7608	80	30 days	White	Matt	General Labelling, packaging labels and inventory control	
Polyester						
B-413	145	30 days	Silver	Satin	Electronic PCB and component identification, bar code label and rating plates	Excellent chemical resistance to gasolene, jet fuel, and other oils 
B-422	100	30 days	White	Gloss	Electronic PCB and component; bar code label and rating plates	2 mil adhesive recommended for application on textured surfaces  
B-423	110	30 days	White	Gloss	Electronic PCB and component; bar code label and rating plates	   HF
B-428	120	30 days	Silver	Matt	Rating plates; electronic component marking	   HF
B-430	100	30 days	Clear	Gloss	General labelling rating/name plates	Translucent  
B-432	100	30 days	Clear	Gloss	General labelling rating/name plates	Translucent; 2 mil adhesive recommended for application on textured surfaces  
B-433	100	30 days	White	Gloss	Electronic component and PCB marking; bar code label and general-purpose ID	Removable adhesive 
B-434	90	30 days	Silver	Gloss	Rating plates and general-purpose labelling	2 mil adhesive recommended for application on textured surfaces  
B-435	90	30 days	Silver	Gloss	Rating plates and general-purpose labelling	Designed to withstand solvents while maintaining excellent image quality   
B-438	40	30 days	Silver	Matt	Rating plates and tamper-evident labelling	Metallised; checkerboard footprint when removed  
B-459	100	30 days	White	Matt	Electronic PCB and component; bar code label and rating plates autoclave, freezer and hot water bath	 
B-473	120	30 days	White	Gloss	Electronic PCB and component; bar code labelling and rating plates	Static dissipative adhesive and liner   
B-480	145	30 days	Silver	Satin	Bar code labels, serial and rating plates requiring nameplate-like quality	Excellent chemical resistance to gasolene, jet fuel, and other oils 
B-483	120	30 days	White	Gloss	General purpose labelling	Highest adhesion product for thermal transfer printing, designed for powder coated surfaces  
B-484	120	30 days	White	Gloss	Textured/rough surfaces, angled/curved surfaces	Low profile construction 
B-486	120	30 days	Silver	Matt	Rating plates; electronic component marking	Highest adhesion product for thermal transfer printing, designed for powder coated surfaces  
B-488	160	30 days	White	Matt	Electronic PCB and component; bar code label and rating plates	High performance matt white   
B-489	120	30 days	White	Matt	General purpose labelling	Highest adhesion product for thermal transfer printing, designed for powder coated surfaces  
B-7423	145	30 days	White	Satin	Rating Plates	Specifically designed for auto apply application and also used as post process label for printed circuit boards.
B-7546	100	30 days	White	Gloss	Rating plates and tamper-evident labelling	"Void" footprint when removed  
B-7563	135	30 days	Silver	Satin	Rating and general purpose labelling	Alpha-numerics, barcode and graphics that require nameplate quality 
B-7566	80	30 days	Clear	Gloss	Rating plates and tamper-evident labelling	"Void" footprint when removed 
B-7573	110	30 days	White	Matt	Under-the-bonnet labelling, asset identification, name- face- and rating-plates identification, chemical drum labelling	Designed to withstand numerous solvents and fluids common to the automotive industry
B-7576	100	30 days	Silver	Matt	Rating plates and tamper-evident labelling	Metallised; leaves "Void" footprint when removed 
B-7593	100	1 000 hours	Various	Gloss	Electrical components, cabinets, push button and patch panel identification	Engraved Plate Replacement - EPREP
B-8423	120	30 days	White	Satin	General purpose labelling	General purpose label and rating plate applications that utilise high quality/density alphanumerics, barcodes and graphics.    Also used as post process label on printed circuit boards.
Polyester/Paper						
B-350	90	30 days	White	Gloss	Control of invalid warranty claims	Provides evidence of exposure to water 
Polyimide						
B-426	350	80 secs	Amber	Matt	Top- or bottom-side board application for SMT or Through hole	Withstands extremely high temperatures
B-436	330	80 secs	Amber	Matt	Printed circuit board and component marking	Label will remove cleanly after high-temperature exposure
B-457	350	80 secs	White	Gloss	Top- or bottom-side board application for SMT or Through hole	Good contrast and smear resistance 
B-476	330	80 secs	Green	Gloss	Top- or bottom-side board application for SMT or Through Hole	Green to signify RoHS compliance 
B-477	350	80 secs	White	Gloss	Top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive and liner  
B-478	350	80 secs	White	Gloss	Top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive and liner, low profile construction, good contrast and smear resistance HF  



Brady has hundreds of RoHS compliant materials for you to choose from and we are committed to provide you with the latest information. Simply go to www.weeerohs.bradyeurope.com for the latest up-date.

	These materials have static dissipative adhesives.
	*These materials are UL recognised.
	*These materials are CSA approved.
	*These materials are AGA approved.
HF	Halogen free DIN VDE 0472 Part 815
	CSA approved at UL Laboratories

*Refer to the full page charts on pages for more information and complete listing of parts.

Thermal Transfer Material Chart

Type	Max. Service Temp. °C		Colour	Finish	Use	Special Properties
Polyimide (Cont.)						
B-479	350	80 secs	White	Matt	Top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive and liner, low profile construction, excellent resistance to solder balling, matt finish
B-487	350	80 secs	White	Matt	Top- or bottom-side board application for SMT or Through hole	Excellent resistance to solder balling, matt finish
B-496	300	80 secs	White	Gloss	Top- or bottom-side board application for SMT or Through hole	2 mil thickness designed for auto-dispensing with Brady's PAM (Printer Applicator Machine) and with Hover Davis label dispensing machines.
B-497	350	80 secs	White	Matt	Top- or bottom-side board application for SMT or Through hole	Low-profile construction, excellent resistance to solder balling, matt finish
Polyolefin						
B-407	90	30 days	Clear	Matt	General purpose labelling	Clear Polyolefin
B-429	80	30 days	White	Satin	E-PROM labelling and Rating plates	Tamper-evident destructible polyolefin designed for E-PROM and rating plate labelling that require high performance and protection against removal.
B-7605	80	30 days	White	Matt	General purpose labelling	
Polypropylene						
B-425	90	30 days	White	Matt	Rating plates and general purpose labelling	Excellent chemical, abrasion and smudge resistance in combination with R-6400 ribbon HF
B-449	90	30 days	White	Matt	Temporary labelling application	Removable; good solvent resistance and print performance
Sleeve Material						
B-341	130	1 000 hrs	White	Matt	Wire marking	2:1 shrink ratio, self-extinguishing; meets AMS-DTL-2353/5 Class 1; SAE AS 81531; MIL-STD-202 method 215 and UI224
B-342	130	1 000 hrs	White/Yellow	Matt	Wire marking	3:1 shrink ratio, self-extinguishing; meets AMS-DTL-2353/5 Class 1; SAE AS 81531; MIL-STD-202 method 215 and UI224
B-7641	105	continuous	White/Yellow	Matt	Wire and cable identification	2:1 shrink ratio Heat shrinkable, flame retardant halogen free HF
B-7642	175	24 hours	White/Yellow	Matt	Wire and cable identification	2:1 shrink ratio Heat shrinkable
B-7646	70	30 days	Yellow	Matt	Diesel Resistant Sleeves	Conforms to NF F 00 608
Tag Material						
B-109	80	30 days	White	Matt	Multi-purpose identification tag, where durability and computer printability are required	Cross-laminated polyethylene provides extreme tear resistance and excellent cold-weather performance
B-411	50	30 days	White	Matt	Tag material designed for general purpose marking	Spunbound polyolefin provides resistance to water and chemicals
B-412	100	30 days	White	Matt	Wire, cable and product inventory identification	Polypropylene tag designed or where tensile strength is needed
B-7596	100	1 000 hours	White	Matt	Tag material and tags	Tag material
B-7597	50	30 days	White	Matt	Wire and cable marking	200 micron tag material HF
B-7599	50	30 days	White	Matt	Wire and cable marking	250 micron tag material
B-7643	90	20 days	Various	Satin	Wire and cable identification	Zero Halogen polyether polyurethane cable marker
Tedlar®						
B-437	135	30 days	White/Yellow	Matt	Aerospace and military cable marking	Self-extinguishing; available in white or yellow
Vinyl						
B-352	80	30 days	Silver	Matt	Tamper-resistant labels	Flexible; solvent resistant; tamper-resistant
B-427	70	30 days	White	Matt	Self-laminating wire and cable marking	Excellent abrasion and smudge resistance, perforations exist between each row of labels for easy tear-off or fan folding
B-439	40	30 days	White/Colours	Gloss	Rating plates and general-purpose labelling	Available in 9 colours White and Yellow
B-7351	100	30 days	White	Matt	Tamper-resistant labels	Flexible; solvent resistant; tamper-resistant. Designed to fracture easily to show signs of tampering
B-7696	70	30 days	White	Gloss	Rigid DuraSleeve insert	Use in conjunction with Ademark Carriers
Vinyl Cloth						
B-498	80	30 days	White	Semi-Gloss	Wire and electronic component marking	Repositionable adhesive

Tedlar® is a registered trademark of Dupont



Brady has hundreds of RoHS compliant materials for you to choose from and we are committed to provide you with the latest information. Simply go to www.weeerohs.bradyeurope.com for the latest up-date.

	These materials have static dissipative adhesives.
	*These materials are UL recognised.
	*These materials are CSA approved.
	Halogen free DIN VDE 0472 Part 815
	CSA approved at UL Laboratories

* Refer to the full page charts on pages 280-281 for more information and complete listing of parts.



For more information on Brady materials, or to help you choose, visit www.bradyeurope.com

Ribbon Reference Guide – Desktop Printers

Ribbon Series	Formulation	Available Colours	Performance Characteristics
RGR = R-4300 = R-7950	Wax/Resin	Black, Blue, Red, Green	Strong environmental resistance against smearing and chemicals, reliable sharp-edge
RGW	Wax	Black	General purpose, standard performance ribbon for paper or temporary labelling.
RPR	Resin	Black, Blue, Green, Red & White	Ribbon with excellent print quality, smear and scratch resistance, available in blue, red, green and white.
R-4300 = R-7950	Wax/Resin	Black	Strong environmental resistance against smearing and chemicals, reliable sharp-edge printing.
R-4900	Resin	Black	Superb smear resistance at high temperatures. Superior solvent resistance.
R-6000	Resin	Black	High density-, excellent solvent-, high heat- and very good scratch resistance print quality to maximise bar code readability.
R-6400	Resin	Black	Ultra high chemical resistance in combination with specific materials.
R-6600	Resin	Black	Good printing performance on our diesel resistant sleeves B-7646 and polyolefin sleeves B-7647.
R-7940	Wax	Black	Standard performance ribbon with a dark image at high print speeds with limited scratch & smear resistance
R-7942	Wax	Black	General purpose, standard performance ribbon for paper or temporary labelling.
R-7950 = R-4300	Wax/Resin	Black	Strong environmental resistance against smearing and chemicals, reliable sharp-edge printing.
R-7953	Wax/Resin	Black	Standard performance alternative for R-7950 with lower chemical and smear resistance.
R-7960	Resin	Black	Good solvent resistance, lower for alcohol, high print quality and excellent smear resistance.
R-7961	Resin	Black	Standard performance resin ribbon with excellent scratch resistance and with good chemical performances
R-7964	Resin	Black	Standard performance resin ribbon with excellent scratch resistance and moderate chemical performance. Excellent ribbon for smooth surface, ideal for the automotive market.
R-7990	Resin	Blue, Green, Red & White	Good solvent-, smear and high heat resistance colour ribbon.

Ribbon/Width Cross Reference guide

Widths	WAX		WAX/RESIN		RESIN									
	Series RGW/R-7940	Series 7942	Series RGR	Series R-7953	Series RPR	Series RPR color	Series R-4900	Series R-6000	Series R-6400	Series R-6600	Series R-7960	Series R-7961	Series R-7964	Series R-7990
A	35mm x 70m	R-7940		R-7950			R-4900				R-7960			
	65mm x 70m	R-7940		R-7950	R-7953		R-4900	R-6000	R-6400		R-7960		R-7964	
	85mm x 70m	R-7940	R-7942	R-7950	R-7953		R-4900				R-7960			
	102mm x 70m									R-6600				
	110mm x 70m	R-7940	R-7942	R-7950	R-7953		R-4900	R-6000	R-6400		R-7960		R-7964	
	110mm x 70m Blue			R-7950-B										R-7990-B
	110mm x 70m Red			R-7950-R										R-7990-R
	110mm x 70m Green			R-7950-G										R-7990-G
	110mm x 70m White													R-7990-W
B	35mm x 91m	RGW-35		RGR-35		RPR-35								
	65mm x 91m	RGW-65		RGR-65		RPR-65								
	85mm x 91m	RGW-85		RGR-85		RPR-85								
	110mm x 91m	RGW-110		RGR-110		RPR-110								
	110mm x 91m Blue					RPR-B-110								
	110mm x 91m Red					RPR-R-110								
	110mm x 91m Green					RPR-G-110								
110mm x 91m White					RPR-W-110									
C	45mm x 110m			R-4300						R-6000*				
	75mm x 110m			R-4300						R-6000*				
	110mm x 110m		R-7942	R-4301	R-7953		R-4901	R-6001*	R-6401			R-7961	R-7964	

* Ribbon length 100 metres

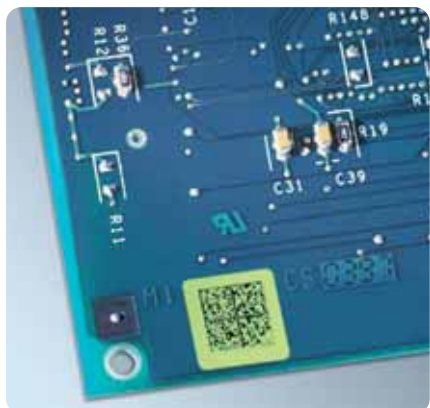
A = Ribbons for BBP11 Series printers, core ID 12.70 mm

B = Ribbons for BP-4000/4320 Series printers, core ID 12.70 mm ink side out

C = Ribbons for BP-THT-1244, BP-THT-1344 and BP-THT-1024X, core 12.70 mm, ink side in

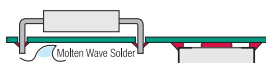
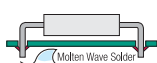
Note: Many other ribbons are available as special solutions, please call your local customer services for further information

Circuit Board and Component Identification – BBP11 and BP-4000 Series Printers



B-652 polyimide withstands extremely high temperatures. Ideal for marking the underside of printed circuit board and for surface-mount applications. Remains legible after contact with solder, flux and cleaning solvents

Desk-top Printer Series Circuit Board Process Chart



	Through Hole Technology		Surface Mount Technology (SMT)		After Process
	Top	Bottom	Top or Bottom		
B-652	● Yes	● Yes	● Yes		● Yes
B-8423	▲ Yes*	✗ No	✗ No		● Yes

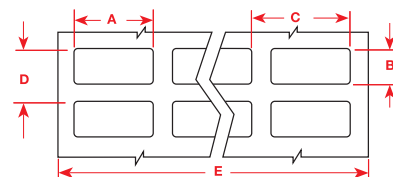
* In extreme high temperatures, testing of these materials is recommended

● Yes, this material will work in this application

✗ No, this material does not work with this application

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

(T) Tab to increase printable zone in small BP-4000 labels

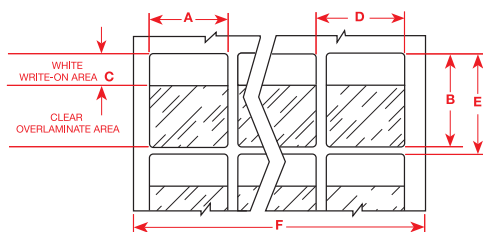


B-652 High Temperature Amber Polyimide B-8423 Permanent White Polyester

Order Reference	Pieces per Package	Material	Colour	Labels Per Row	Label Width (mm) A	Labels Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon
▲ BPT-1-652-2.5	2 500	Polyimide	Amber	5	19.05	6.35		9.35	108.00	RGR
▲ BPT-1-8423-2.5	2 500	Polyester	White	5	19.05	6.35		9.35	108.00	RPR
▲ BPT-1-652-2.5(T)	2 500	Polyimide	Amber	5	19.05	6.35		11.40	108.00	RGR
▲ BPT-1-8423-2.5(T)	2 500	Polyester	White	5	19.05	6.35		11.40	108.00	RPR
▲ BPT-4-652-2.5	2 500	Polyimide	Amber	2	38.10	6.35	50.10	9.35	108.00	RGR
▲ BPT-4-8423-2.5	2 500	Polyester	White	2	38.10	6.35	50.10	9.35	108.00	RPR
▲ BPT-4-652-2.5(T)	2 500	Polyimide	Amber	2	38.10	6.35	50.10	11.35	108.00	RGR
▲ BPT-4-8423-2.5(T)	2 500	Polyester	White	2	38.10	6.35	50.10	11.35	108.00	RPR
▲ BPT-11-652-2.5	2 500	Polyimide	Amber	15	6.35	6.35		9.35	108.00	RGR
▲ BPT-11-8423-2.5	2 500	Polyester	White	15	6.35	6.35		9.35	108.00	RPR
▲ BPT-11-652-2.5(T)	2 500	Polyimide	Amber	15	6.35	6.35		11.35	108.00	RGR
▲ BPT-11-8423-2.5(T)	2 500	Polyester	White	15	6.35	6.35		11.35	108.00	RPR
▲ BPT-12-652-2.5	2 500	Polyimide	Amber	7	12.70	11.10		14.10	108.00	RGR
▲ BPT-12-8423-2.5	2 500	Polyester	White	7	12.70	11.10		14.10	108.00	RPR
▲ BPT-13-652-2.5	2 500	Polyimide	Amber	3	31.75	6.35	34.75	9.35	108.00	RGR
▲ BPT-13-8423-2.5	2 500	Polyester	White	3	31.75	6.35	34.75	9.35	108.00	RPR
▲ BPT-13-652-2.5(T)	2 500	Polyimide	Amber	3	31.75	6.35	34.75	11.35	108.00	RGR
▲ BPT-13-8423-2.5(T)	2 500	Polyester	White	3	31.75	6.35	34.75	11.35	108.00	RPR
▲ BPT-14-652-2.5	2 500	Polyimide	Amber	5	16.51	5.08	19.51	8.08	108.00	RGR
▲ BPT-14-8423-2.5	2 500	Polyester	White	5	16.51	5.08	19.51	8.08	108.00	RPR
▲ BPT-14-652-2.5(T)	2 500	Polyimide	Amber	5	16.51	5.08	19.51	10.08	108.00	RGR
▲ BPT-14-8423-2.5(T)	2 500	Polyester	White	5	16.51	5.08	19.51	10.08	108.00	RPR
▲ BPT-38-652-2.5	2 500	Polyimide	Amber	9	9.53	9.53		12.53	108.00	RGR
▲ BPT-38-8423-2.5	2 500	Polyester	White	9	9.53	9.53		12.53	108.00	RPR
▲ BPT-G2-8423-YL	2 500	Polyester	Yellow	4	20.00	8.00	23.00	15.00	108.00	RPR
▲ BPT-G3-8423-YL	2 500	Polyester	Yellow	5	15.00	9.00	18.00	16.00	108.00	RPR

Wire and cable marking – BBP11 and BP-4000 Series Printers

THERMAL TRANSFER LABELS



B-427 Self-laminating Vinyl

Order Reference	Pieces Per Package	Material	Colour	Labels Per Row	Label Width (mm) A	Label Height (mm) B	Write-on Height (mm) C	Horizontal Repeat (mm) D	Vertical Repeat (mm) E	Web Width (mm) F	Recommended Ribbon	Max Cable Ø (mm)
BPT-305-427	7 000	Self-Laminating Vinyl	White/Transparent	7	12.70	31.75	12.70	15.00	38.25	108.00	RGR	6
BPT-211-427	3 000	Self-Laminating Vinyl	White/Transparent	3	25.40	25.40	9.53	29.50	31.90	108.00	RGR	5
BPT-311-427	3 000	Self-Laminating Vinyl	White/Transparent	3	25.40	31.75	12.70	28.50	37.75	108.00	RGR	6
BPT-511-427	3 000	Self-Laminating Vinyl	White/Transparent	3	25.40	63.50	19.05	33.50	70.00	108.00	RGR	14
BPT-517-427	2 000	Self-Laminating Vinyl	White/Transparent	2	38.10	63.50	19.05	49.00	69.50	108.00	RGR	14

DuraSleeve® Wire Marking System

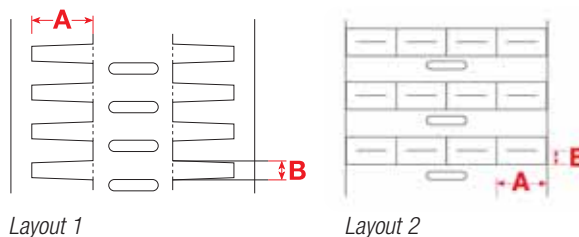
Brady DuraSleeve Markers Create a Durable Legend

Combining speed, power and flexibility. The Durasleeve wiremarking system provides the logical next chapter in the Brady legend. That's because the Durasleeve wire marking system does everything your current wire marking system does, and then provides advantages you can't find anywhere else.

- Durasleeve wire marking system meets current engineering specifications.
- Durasleeve wire marking system reduces inventory by providing markers "just-in-time".
- Durasleeve wire marking system saves time by printing legends on-demand.
- Durasleeve wire marking system performance meets or exceeds any materials you are currently using.



Durasleeve wire marker inserts fit into clear carriers.



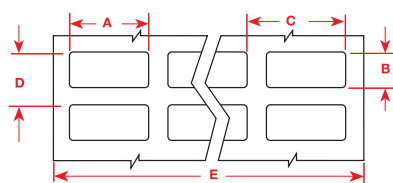
DuraSleeve® Inserts

Order Reference	No. Inserts Across	Layout	Inserts Per Roll	Insert Width A (mm)	Insert Height B (mm)	Max Lines of Print
15.00 mm Label Width						
BPT-105-7599	4	1	5 000	15.00	8.00	1
BPT-105U-7596-5	2	2	5 000	15.00	4.10	1
BPT-105U-7596-5-YL	2	2	5 000	15.00	4.10	1
30.00 mm Label Width						
BPT-111-7599	2	1	2 500	30.00	8.00	1
BPT-111U-7596-5	2	2	2 500	30.00	4.20	1
BPT-111U-7596-5-YL	2	2	2 500	30.00	4.20	1

See page 141 for Carriers.

General and Industrial Identification

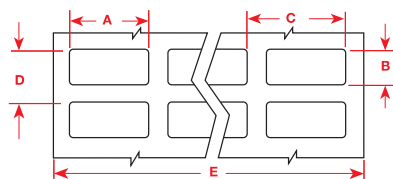
Rating and Asset Identification



B-8423 Permanent White Polyester B-7563 Metallised Polyester

Order Reference	Pieces per Package	Material	Colour	Labels Per Row	Label Width (mm) A	Labels Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon
▲ BPT-5-8423-2.5	2 500	Polyester	White	3	25.40	12.70	28.40	15.70	108.00	RPR
▲ BPT-5-7563-2.5	2 500	Polyester	Silver	3	25.40	12.70	28.40	15.70	108.00	RGR
▲ BPT-6-8423-2.5	2 500	Polyester	White	2	38.10	19.05	50.10	22.05	108.00	RPR
▲ BPT-6-7563-2.5	2 500	Polyester	Silver	2	38.10	19.05	50.10	22.05	108.00	RGR
▲ BPT-7-8423-1	1 000	Polyester	White	1	69.85	31.75		34.75	108.00	RPR
▲ BPT-7-7563-1	1 000	Polyester	Silver	1	69.85	31.75		34.75	108.00	RGR
▲ BPT-12-8423-2.5	2 500	Polyester	White	7	12.70	11.10		14.10	108.00	RPR
▲ BPT-17-8423-1	1 000	Polyester	White	1	50.80	25.40		28.54	108.00	RPR
▲ BPT-17-7563-1	1 000	Polyester	Silver	1	50.80	25.40		28.54	108.00	RGR
▲ BPT-19-7563-0.5	500	Polyester	Silver	1	76.00	50.00		53.00	108.00	RGR

Warehousing Labels



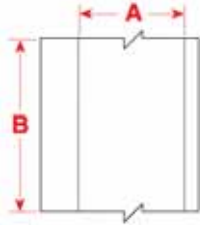
B-7604 Direct Thermal Paper B-7608 Thermal Transfer Paper

Order Reference	Pieces per Package	Material	Colour	Labels Per Row	Label Width (mm) A	Labels Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon
■ BPT-510-300	6 000	Direct Thermal Paper	White	1	25.40	76.20		79.20	29.50	None
■ BPT-999-007	18 000	Direct Thermal Paper	White	1	30.50	21.60		24.60	34.00	None
■ BPT-512-105	16 656	Direct Thermal Paper	White	1	31.75	25.40		28.40	35.00	None
■ BPT-522-075	21 360	Direct Thermal Paper	White	1	57.15	19.05		22.23	59.94	None
■ BPT-722-075	21 360	Paper	White	1	57.15	19.05		22.23	59.94	RGW
■ BPT-222-125	13 620	Paper	White	1	57.15	31.75		34.93	59.94	RGW
■ BPT-522-125	13 620	Direct Thermal Paper	White	1	57.15	31.75		34.93	59.94	None
■ BPT-222-205	8 820	Paper	White	1	57.15	50.80		53.98	59.94	RGW
■ BPT-522-205	8 820	Direct Thermal Paper	White	1	57.15	50.80		53.98	59.94	None
■ BPT-222-305	6 000	Paper	White	1	57.15	76.20		79.38	59.94	RGW
■ BPT-522-305	6 000	Direct Thermal Paper	White	1	57.15	76.20		79.38	59.94	None
■ BPT-222-405	4 560	Paper	White	1	57.15	101.60		104.78	59.94	RGW
■ BPT-522-405	4 560	Direct Thermal Paper	White	1	57.15	101.60		104.78	59.94	None
■ BPT-540-105	15 720	Direct Thermal Paper	White	1	101.60	25.40		28.58	107.95	None
■ BPT-540-155	11 520	Direct Thermal Paper	White	1	101.60	38.10		41.28	107.95	None
■ BPT-740-155	11 520	Paper	White	1	101.60	38.10		41.28	107.95	RGW
■ BPT-540-250	7 680	Direct Thermal Paper	White	1	101.60	63.50		66.68	107.95	None
■ BPT-240-305	6 000	Paper	White	1	101.60	76.20		79.38	107.95	RGW
■ BPT-540-305	6 000	Direct Thermal Paper	White	1	101.60	76.20		79.38	107.95	None
■ BPT-240-405	4 560	Paper	White	1	101.60	101.60		104.78	107.95	RGW
■ BPT-540-405	4 560	Direct Thermal Paper	White	1	101.60	101.60		104.78	107.95	None
■ BPT-540-500	3 660	Direct Thermal Paper	White	1	101.60	127.00		130.18	107.95	None
■ BPT-740-505	3 660	Paper	White	1	101.60	127.00		130.18	107.95	RGW
■ BPT-240-605	3 000	Paper	White	1	101.60	152.40		155.58	107.95	RGW
■ BPT-540-600	3 000	Direct Thermal Paper	White	1	101.60	152.40		155.58	107.95	None

General and Industrial Identification

Continuous Rolls

B-439 Coloured Vinyl



Order Reference	Pieces per Package	Material	Colour	Labels Per Row	Label Width (mm) A	Labels Length (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon
• BPTC-63-439-BK	1/Roll	Permanent Vinyl	Black	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-BL	1/Roll	Permanent Vinyl	Blue	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-GD	1/Roll	Permanent Vinyl	Gold	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-GR	1/Roll	Permanent Vinyl	Green	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-OR	1/Roll	Permanent Vinyl	Orange	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-PL	1/Roll	Permanent Vinyl	Purple	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-RD	1/Roll	Permanent Vinyl	Red	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-SL	1/Roll	Permanent Vinyl	Silver	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-WT	1/Roll	Permanent Vinyl	White	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-63-439-YL	1/Roll	Permanent Vinyl	Yellow	1.00	63.00	40.00		40.00	63.00	RPR
• BPTC-83-439-BK	1/Roll	Permanent Vinyl	Black	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-BL	1/Roll	Permanent Vinyl	Blue	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-GD	1/Roll	Permanent Vinyl	Gold	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-GR	1/Roll	Permanent Vinyl	Green	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-OR	1/Roll	Permanent Vinyl	Orange	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-PL	1/Roll	Permanent Vinyl	Purple	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-RD	1/Roll	Permanent Vinyl	Red	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-SL	1/Roll	Permanent Vinyl	Silver	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-WT	1/Roll	Permanent Vinyl	White	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-83-439-YL	1/Roll	Permanent Vinyl	Yellow	1.00	83.00	40.00		40.00	83.00	RPR
• BPTC-110-439-BK	1/Roll	Permanent Vinyl	Black	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-BL	1/Roll	Permanent Vinyl	Blue	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-GD	1/Roll	Permanent Vinyl	Gold	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-GR	1/Roll	Permanent Vinyl	Green	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-OR	1/Roll	Permanent Vinyl	Orange	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-PL	1/Roll	Permanent Vinyl	Purple	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-RD	1/Roll	Permanent Vinyl	Red	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-SL	1/Roll	Permanent Vinyl	Silver	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-WT	1/Roll	Permanent Vinyl	White	1.00	110.00	40.00		40.00	110.00	RPR
• BPTC-110-439-YL	1/Roll	Permanent Vinyl	Yellow	1.00	110.00	40.00		40.00	110.00	RPR

Ribbon Information Guide – Benchtop Printers

All Brady ribbons are developed to meet the performance requirements of the materials to be printed. The reason for this is that the bond between the ribbon and the label is critical to the success of the legend permanence.

Please refer to Ribbon/Material Cross Reference Chart on the following page to determine the appropriate ribbon/material combination.

Ribbon Series	Formulation	Available Colours	Performance Characteristics
R-4300 = R-7950	Wax/Resin	Black	Strong environmental resistance against smearing and chemicals, reliable sharp-edge printing.
R-4400	Resin	Blue, Green, Red & White	High density-, excellent solvent resistance-, high heat resistance-, super scratch resistance- print quality to maximise bar code readability.
R-4500	Wax/Resin	Blue, Green, Red & Silver	Strong environmental resistance against smearing and chemicals, reliable sharp-edge printing
R-4900	Resin	Black	Superb smear resistance at high temperatures. Superior solvent resistance.
R-6000	Resin	Black	High density-, excellent solvent-, high heat- and very good scratch resistance print quality to maximise bar code readability.
R-6400	Resin	Black	Ultra high chemical resistance in combination with specific materials.
R-6600	Resin	Black	Good printing performance on our diesel resistant sleeves B-7646 and polyolefin sleeves B-7647.
R-7942	Wax	Black	General purpose, standard performance ribbon for paper or temporary labelling.
R-7950 = R-4300	Wax/Resin	Black	Strong environmental resistance against smearing and chemicals, reliable sharp-edge printing.
R-7953	Wax/Resin	Black	Standard performance alternative for R-7950 with lower chemical and smear resistance.
R-7960	Resin	Black	Good solvent resistance, lower for alcohol, high print quality and excellent smear resistance.
R-7961	Resin	Black	Standard performance resin ribbon with excellent scratch resistance and with good chemical performances
R-7962	Resin	Black	High performance ribbon include high smear & scratch resistance and excellent solvent and gas fuel resistance.
R-7964	Resin	Black	Good chemical resistance to solvents and sharp printing.

Widths	WAX		WAX/RESIN				RESIN						
	Series R-7942	Series R-4500	Series R-7950/R-4300	Series R-7953	Series R-4400	Series R-4900	Series R-6000	Series R-6400	Series R-6600	Series R-7960	Series R-7961	Series R-7962	Series R-7964
25mm x 300m													
40mm x 300m			IP-R-4306				IP-R-6006	IP-R-6406					
60mm x 300m			IP-R-4302			IP-R-4902	IP-R-6000	IP-R-6400	IP-R-6600				
83mm x 300m			IP-R-4300			IP-R-4900	IP-R-6002	IP-R-6402	IP-R-6602				
83mm x 320m													
83mm x 300m Blue		IP-R-4502BL			IP-R-4402BL								
83mm x 300m Red		IP-R-4502RD			IP-R-4402RD								
83mm x 300m Green		IP-R-4502GR			IP-R-4402GR								
83mm x 300m White					IP-R-4402WT								
83mm x 300m Silver		IP-R-4502SV											
90mm x 300m													
110mm x 300m			IP-R-4307				IP-R-6007	IP-R-6407	IP-R-6607				
110mm x 300m White					IP-R-4407WT								
110mm x 300m Blue		IP-R-4507BL			IP-R-4407BL								
110mm x 300m Red		IP-R-4507RD			IP-R-4407RD								
130mm x 300m													
170mm x 300m													
174mm x 300m													

25mm x 300m			R-4311/R-7950										
40mm x 300m	R-7942		R-4306/R-7950	R-7953			R-6006	R-6406	R-6606	R-7960			R-7964
60mm x 300m	R-7942		R-4302/R-7950	R-7953		R-4902	R-6000	R-6400	R-6600		R-7961		R-7964
83mm x 300m	R-7942		R-4300	R-7953		R-4900	R-6002	R-6402	R-6602				R-7964
83mm x 320m			R-7950										
83mm x 300m Blue		R-4502BL			R-4402BL								
83mm x 300m Red		R-4502RD			R-4402RD								
83mm x 300m Green		R-4502GR			R-4402GR								
83mm x 300m White					R-4402W								
83mm x 300m Silver		R-4502SV											
90mm x 300m			R-7950							R-7960	R-7961	R-7962	
110mm x 300m	R-7942		R-4307	R-7953			R-6007	R-6407	R-6607		R-7961	R-7962	R-7964
110mm x 300m White					R-4407W								
110mm x 300m Blue													
110mm x 300m Red													
114mm x 300m			R-7950								R-7961		
130mm x 300m			R-4304			R-4904							
170mm x 300m	R-7942		R-7950							R-7960	R-7961		
174mm x 300m			R-4308				R-6008						

D = Ribbons for BP-IP™ Printers

E = Ribbons for Brady Standard BradyPrinters™, core ID 25.40 / 1 inch, ink side out

Ribbon/Material Cross-Reference Guide

Order Reference	Material	WAX		WAX/RESIN			RESIN					
		Series R-7942	Series R-4300 = R-7950	Series R-4500 (colours)	Series R-4900	Series R-6000	Series R-7960	Series R-7961	Series R-7962	Series R-4400 (colours)	Series R-6600	Series R-6400
B-109	Polyethylene Tag		●						△			
B-341	Polyolefin		●									
B-342	Polyolefin		●	△								
B-350	Polyester/Paper				△ UL	●			△ UL		△	
B-352	Vinyl					● UL					△	
B-402	Paper	●										
B-407	Polyolefin				●				△			
B-408	Paper	●										
B-411	Tag		●									
B-412	Tag		△						●			
B-413	Metallic-Enhanced Polyester				△	● CUL					△	
B-422	Polyester				△ UL/CSA	● UL/CSA			△ CSA		△	
B-423	Polyester				△ UL	● UL/CSA	△		△ CSA		△	
B-424	Paper	△	●	△								
B-425	Polyolefin		△ UL	△					△ UL/CSA			● UL/CSA
B-426	Polyimide		●									
B-427	Vinyl		● UL	△					△			
B-428	Polyester		● UL/CSA	△					△			
B-429	Polyolefin						△ UL/CSA		● UL/CSA	△ CSA		
B-430	Polyester				△ UL	● UL/CSA			△ CSA		△	
B-432	Polyester				△ UL	● UL/CSA			△ CSA		△	
B-433	Polyester				△ UL	●			△		△	
B-434	Polyester				△ UL/CSA	● UL/CSA			△			
B-435	Polyester				△ UL	● UL/CSA			△			
B-436	Polyimide		●									
B-437	Tedlar		●						△			
B-438	Polyester		● UL/CSA	△								
B-439	Vinyl				△	●	△ UL		△ UL	△ UL	△	
B-449	Polypropylene		△						●			
B-457	Polyimide					● UL			△			
B-459	Polyester				△ UL/CSA	● UL/CSA					△ UL	
B-473	Polyester					● UL/CSA						
B-476	Polyimide					● UL						
B-477	Polyimide					● UL						
B-478	Polyimide					● UL						
B-479	Polyimide					● UL						
B-480	Metallic-Enhanced Polyester				△	● CUL					△	
B-483	Polyester				△ UL	● UL/CSA	△		△		△	
B-484	Polyester				△ UL	● UL					△	
B-486	Polyester		● UL/CSA	△					△			
B-487	Polyimide					● UL						
B-488	Polyester		● UL/CSA						△			
B-489	Polyester		● UL/CSA						△			
B-496	Polyimide					● UL						
B-497	Polyimide					● UL						
B-498	Vinyl Cloth		△			△			●			
B-499	Nylon		△ UL/CSA	△	● UL/CSA	△ UL	△ UL/CSA		● UL/CSA			
B-7423	Polyester					●			△		△	
B-7351	Vinyl					●						
B-7546	Polyester					● UL/CSA					△	
B-7551	Polyester				△				●			
B-7563	Polyester				● UL		△ UL		△ UL			
B-7566	Polyester					●					△	
B-7573	Polyester										●	
B-7576	Polyester					● UL	△		△		△	
B-7593	Polyester				△	●						
B-7594	Polypropylene								● UL	△ UL		
B-7596	Tag		●						△			
B-7597	Tag		●						△			
B-7599	Tag		●				△		△			
B-7604	Direct Thermal Paper								△			
B-7605	Synthetic		●						△			
B-7606	Paper	△	●									
B-7608	Paper	△	●									
B-7641	Polyolefin					●						
B-7642	Polyolefin		●								△	△ UL/CSA
B-7643	Polyether Polyurethane				△	●			△	△	△	
B-7646	Polyolefin										●	
B-7696	Tag					●						
B-8423	Polyester					△ UL/CSA			● UL/CSA		△	

- Recommended ribbon for use with respective material.
- △ Acceptable ribbon for use with respective material.
- UL These materials are UL recognised with its respective ribbon.
- CSA These materials are CSA approved with its respective ribbon.
- CUL These materials are CSA approved at UL Labs

All Brady ribbons are developed to meet the performance requirements of the materials to be printed. The reason for this is the bond between the ribbon and the label is critical to the success of the legend permanence. Brady offers a complete line of ribbons that are designed to cover all your label application requirements.



How to find out how many labels per THT ribbon:
 Our THT ribbons are 300 metres long.
 300 m = 300 000 mm

300 000 divided by label vertical repeat = labels per ribbon
 To find your vertical repeat, look at column D on the information tables.

Circuit Board and Component Identification Labels



Brady polyimide materials are specially engineered to resist the harsh environments associated with the processing of printed circuit boards, including the high temperatures associated with lead-free processing. The B-473, B-477, B-478 and B-479 materials can also help reduce ESD by utilising a static dissipative adhesive and liner.

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-476, B-477, B-478, B-479, B-496, B-497	● Yes	● Yes	● Yes	● Yes
B-422, B-423, B-428, B-433, B-435, B-438, B-459, B-473, B-488, B-498	▲ Yes*	✗ No	✗ No	● Yes

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

Polyimides

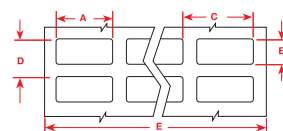
B-457, B-496, B-497 High-Temperature White Polyimide

B-477, B-478, B-479 Static Dissipative White Polyimide

B-426 High-Temperature Amber Polyimide

B-436 Removable Amber Polyimide

B-476 High-Temperature Green Polyimide

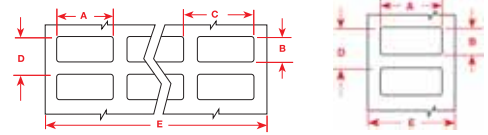


Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-1-426-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-4300	IPE
THT-1-436-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-4300	IPE
THT-1-457-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-1-476-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-1-477-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-1-478-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-1-479-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-1-497-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-2-426-10	10 000	3	22.86	6.35	28.58	8.89	85.09	R-4300	IPE
THT-2-457-10	10 000	3	22.86	6.35	28.58	8.89	85.09	R-6000	IPE
THT-2-476-10	10 000	3	22.86	6.35	28.58	8.89	85.09	R-6000	IPE
THT-2-478-10	10 000	3	22.86	6.35	28.58	8.89	85.09	R-6000	IPE
THT-2-479-10	10 000	3	22.86	6.35	28.58	8.89	85.09	R-6000	IPE
THTCLT-02-496-5	5 000	1	6.35	6.35	—	9.33	25.00	R-6000	
THT-3-426-10	10 000	3	25.40	9.53	27.31	12.07	85.09	R-4300	IPE
THT-3-478-10	10 000	3	25.40	9.53	27.31	12.07	85.09	R-6000	IPE
THT-3-479-10	10 000	3	25.40	9.53	27.31	12.07	85.09	R-6000	IPE
THTCLT-03-496-5	5 000	1	7.00	7.00	—	10.00	25.00	R-6000	
THT-4-426-10	10 000	2	38.10	6.35	41.91	8.89	85.09	R-4300	IPE
THT-4-457-10	10 000	2	38.10	6.35	41.91	8.89	85.09	R-6000	IPE
THT-4-476-10	10 000	2	38.10	6.35	41.91	8.89	85.09	R-6000	IPE
THT-4-478-10	10 000	2	38.10	6.35	41.91	8.89	85.09	R-6000	IPE
THTCLT-04-496-5	5 000	1	8.00	8.00	—	10.98	25.00	R-6000	
THT-5-426-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-4300	IPE
THT-5-478-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-479-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THTCLT-05-496-5	5 000	1	9.53	9.53	—	12.55	25.00	R-6000	
THTCLT-06-496-5	5 000	1	16.00	5.00	—	7.99	25.00	R-6000	
THTCLT-07-496-5	5 000	1	19.05	6.35	—	9.33	25.00	R-6000	
THTCLT-08-496-5	5 000	1	25.40	6.35	—	15.24	30.48	R-6000	
THTCLT-09-496-5	5 000	1	38.10	6.35	—	9.33	44.00	R-6000	
THT-11-426-10	10 000	12	6.35	6.35	6.35	9.53	81.28	R-4300	IPE
THT-11-436-10	10 000	12	6.35	6.35	6.35	9.53	81.28	R-4300	IPE
THT-11-457-10	10 000	12	6.35	6.35	6.35	9.53	81.28	R-6000	IPE
THT-12-426-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-4300	IPE

Circuit Board and Component Identification Labels

Polyimides (continued)

B-457, B-496, B-497 High-Temperature White Polyimide
B-477, B-478, B-479 Static Dissipative White Polyimide
B-426 High-Temperature Amber Polyimide
B-436 Removable Amber Polyimide, B-476 High-Temperature Green Polyimide



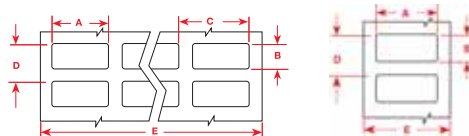
Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-12-457-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPE
THT-12-477-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPE
THT-12-478-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPE
THT-12-479-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPE
THTCLT-01-496-5	5 000	1	5.00	5.00	—	7.99	25.00	R-6000	IPE
THT-12-497-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPE
THT-13-426-10	10 000	2	31.75	6.35	33.02	9.53	69.85	R-4300	IPE
THT-13-457-10	10 000	2	31.75	6.35	33.02	9.53	69.85	R-6000	IPE
THT-14-426-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-4300	IPE
THT-14-436-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-4300	IPE
THT-14-457-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-14-476-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-14-477-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-14-478-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-14-479-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-14-497-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-15-426-2.5	2 500	1	50.80	6.35	—	9.53	55.88	R-4300	IPE
THT-15-457-2.5	2 500	1	50.80	6.35	—	9.53	55.88	R-6000	IPE
THT-15-476-2.5	2 500	1	50.80	6.35	—	9.53	55.88	R-6000	IPE
THT-15-477-2.5	2 500	1	50.80	6.35	—	9.53	55.88	R-6000	IPE
THT-15-497-2.5	2 500	1	50.80	6.35	—	9.53	55.88	R-6000	IPE
THT-16-426-2.5	2 500	1	76.20	6.35	—	9.53	81.28	R-4300	IPE
THT-16-478-2.5	2 500	1	76.20	6.35	—	9.53	81.28	R-6000	IPE
THT-16-479-2.5	2 500	1	76.20	6.35	—	9.53	81.28	R-6000	IPE
THT-16-497-2.5	2 500	1	76.20	6.35	—	9.53	81.28	R-6000	IPE
THT-28-426-10	10 000	2	38.10	3.18	41.91	6.35	85.09	R-4300	IPE
THT-29-426-10	10 000	2	31.75	9.53	33.02	12.07	69.85	R-4300	IPE
THT-29-478-10	10 000	2	31.75	9.53	33.02	12.07	69.85	R-6000	IPE
THT-29-479-10	10 000	2	31.75	9.53	33.02	12.07	69.85	R-6000	IPE
THT-38-426-10	10 000	7	9.53	9.53	11.10	12.07	81.28	R-4300	IPE
THT-38-457-10	10 000	7	9.53	9.53	11.10	12.07	81.28	R-6000	IPE
THT-38-477-10	10 000	7	9.53	9.53	11.10	12.07	81.28	R-6000	IPE
THT-38-478-10	10 000	7	9.53	9.53	11.10	12.07	81.28	R-6000	IPE
THT-38-479-10	10 000	7	9.53	9.53	11.10	12.07	81.28	R-6000	IPE
THT-38-497-10	10 000	7	9.53	9.53	11.10	12.07	81.28	R-6000	IPE
THT-40-426-10	10 000	2	34.93	6.35	37.47	9.53	77.47	R-4300	IPE
THT-40-457-10	10 000	2	34.93	6.35	37.47	9.53	77.47	R-6000	IPE
THT-40-477-10	10 000	2	34.93	6.35	37.47	9.53	77.47	R-6000	IPE
THT-40-497-10	10 000	2	34.93	6.35	37.47	9.53	77.47	R-6000	IPE
THT-41-426-10	10 000	3	25.40	4.75	27.31	7.29	85.09	R-4300	IPE
THT-42-426-10	10 000	1	25.40	4.75	—	6.93	30.48	R-4300	IPE
THT-42-457-10	10 000	1	25.40	4.75	—	6.93	30.48	R-6000	IPE
THT-42-477-10	10 000	1	25.40	4.75	—	6.93	30.48	R-6000	IPE
THT-42-478-10	10 000	1	25.40	4.75	—	6.93	30.48	R-6000	IPE
THT-42-479-10	10 000	1	25.40	4.75	—	6.93	30.48	R-6000	IPE
THT-42-497-10	10 000	1	25.40	4.75	—	6.93	30.48	R-6000	IPE
THT-43-426-10	10 000	1	31.75	6.35	—	8.89	36.83	R-4300	IPE
THT-43-457-10	10 000	1	31.75	6.35	—	8.89	36.83	R-6000	IPE
THT-43-476-10	10 000	1	31.75	6.35	—	8.89	36.83	R-6000	IPE
THT-43-477-10	10 000	1	31.75	6.35	—	8.89	36.83	R-6000	IPE
THT-43-478-10	10 000	1	31.75	6.35	—	8.89	36.83	R-6000	IPE
THT-43-479-10	10 000	1	31.75	6.35	—	8.89	36.83	R-6000	IPE
THT-43-497-10	10 000	1	31.75	6.35	—	8.89	36.83	R-6000	IPE
THT-44-426-10	10 000	1	34.93	6.35	—	8.89	40.64	R-4300	IPE
THT-44-457-10	10 000	1	34.93	6.35	—	8.89	40.64	R-6000	IPE
THT-44-477-10	10 000	1	34.93	6.35	—	8.89	40.64	R-6000	IPE
THT-44-497-10	10 000	1	34.93	6.35	—	8.89	40.64	R-6000	IPE
THT-45-426-10	10 000	1	38.10	6.35	—	8.89	43.18	R-4300	IPE
THT-45-457-10	10 000	1	38.10	6.35	—	8.89	43.18	R-6000	IPE
THT-45-476-10	10 000	1	38.10	6.35	—	8.89	43.18	R-6000	IPE
THT-45-477-10	10 000	1	38.10	6.35	—	8.89	43.18	R-6000	IPE
THT-45-478-10	10 000	1	38.10	6.35	—	8.89	43.18	R-6000	IPE
THT-45-479-10	10 000	1	38.10	6.35	—	8.89	43.18	R-6000	IPE

THERMAL TRANSFER LABELS

Circuit Board and Component Identification Labels

Polyimides (continued)

B-457, B-496, B-497 High-Temperature White Polyimide
B-477, B-478, B-479 Static Dissipative White Polyimide
B-426 High-Temperature Amber Polyimide
B-436 Removable Amber Polyimide, B-476 High-Temperature Green Polyimide

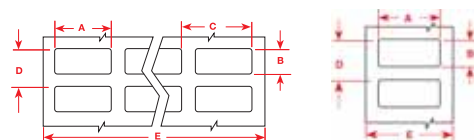


Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-45-497-10	10 000	1	38.10	6.35	—	8.89	43.18	R-6000	IPE
THT-46-426-10	10 000	1	19.05	6.35	—	8.89	24.13	R-4300	IPE
THT-46-457-10	10 000	1	19.05	6.35	—	8.89	24.13	R-6000	
THT-46-477-10	10 000	1	19.05	6.35	—	8.89	24.13	R-6000	
THT-46-478-10	10 000	1	19.05	6.35	—	8.89	24.13	R-6000	
THT-46-479-10	10 000	1	19.05	6.35	—	8.89	24.13	R-6000	
THT-46-497-10	10 000	1	19.05	6.35	—	8.89	24.13	R-6000	
THT-47-426-10	10 000	1	16.51	5.08	—	7.62	21.59	R-4300	
THT-47-457-10	10 000	1	16.51	5.08	—	7.62	21.59	R-6000	
THT-47-476-10	10 000	1	16.51	5.08	—	7.62	21.59	R-6000	
THT-47-478-10	10 000	1	16.51	5.08	—	7.62	21.59	R-6000	
THT-47-479-10	10 000	1	16.51	5.08	—	7.62	21.59	R-6000	
THT-47-497-10	10 000	1	16.51	5.08	—	7.62	21.59	R-6000	
THT-48-426-10	10 000	1	50.80	6.35	—	8.89	55.88	R-4300	IPE
THT-48-457-10	10 000	1	50.80	6.35	—	8.89	55.88	R-6000	IPE
THT-48-477-10	10 000	1	50.80	6.35	—	8.89	55.88	R-6000	IPE
THT-48-478-10	10 000	1	50.80	6.35	—	8.89	55.88	R-6000	IPE
THT-48-479-10	10 000	1	50.80	6.35	—	8.89	55.88	R-6000	IPE
THT-48-497-10	10 000	1	50.80	6.35	—	8.89	55.88	R-6000	IPE
THT-49-426-10	10 000	1	22.86	6.35	—	8.89	27.94	R-4300	IPE
THT-49-457-10	10 000	1	22.86	6.35	—	8.89	27.94	R-6000	IPE
THT-49-478-10	10 000	1	22.86	6.35	—	8.89	27.94	R-6000	IPE
THT-49-479-10	10 000	1	22.86	6.35	—	8.89	27.94	R-6000	IPE
THT-50-426-10	10 000	4	19.05	19.05	20.32	22.23	85.09	R-4300	IPE
THT-51-426-10	10 000	3	25.40	6.35	27.31	9.53	85.09	R-4300	IPE
THT-57-426-10	10 000	4	17.78	9.53	20.32	12.07	85.09	R-4300	IPE
THT-58-457-10	10 000	1	25.40	9.53	—	12.07	30.48	R-6000	IPE
THT-59-476-10	10 000	1	25.40	12.70	—	15.24	30.48	R-6000	IPE
THT-58-478-10	10 000	1	25.40	9.53	—	12.07	30.48	R-6000	IPE
THT-58-479-10	10 000	1	25.40	9.53	—	12.07	30.48	R-6000	IPE
THT-59-457-10	10 000	1	25.40	12.70	—	15.24	30.48	R-6000	IPE
THT-59-478-10	10 000	1	25.40	12.70	—	15.24	30.48	R-6000	IPE
THT-59-479-10	10 000	1	25.40	12.70	—	15.24	30.48	R-6000	IPE
THT-59-497-10	10 000	1	25.40	12.70	—	15.24	30.48	R-6000	IPE
THT-60-457-10	10 000	1	38.10	3.18	—	5.72	43.18	R-6000	IPE
THT-60-477-10	10 000	1	38.10	3.18	—	5.72	43.18	R-6000	IPE
THT-60-479-10	10 000	1	38.10	3.18	—	5.72	43.18	R-6000	IPE
THT-60-497-10	10 000	1	38.10	3.18	—	5.72	43.18	R-6000	IPE
THT-70-457-20	20 000	7	6.35	6.35	8.13	8.89	60.20	R-6000	IPE
THT-70-476-20	20 000	1	6.35	6.35	8.13	8.89	60.20	R-6000	IPE
THT-70-477-20	20 000	7	6.35	6.35	8.13	8.89	60.20	R-6000	IPE
THT-70-478-20	20 000	7	6.35	6.35	8.13	8.89	60.20	R-6000	IPE
THT-70-479-20	20 000	7	6.35	6.35	8.13	8.89	60.20	R-6000	IPE
THT-70-497-20	20 000	7	6.35	6.35	8.13	8.89	60.20	R-6000	IPE
THT-71-457-20	20 000	6	8.00	8.00	9.53	10.54	60.71	R-6000	IPE
THT-71-478-20	20 000	6	8.00	8.00	9.53	10.54	60.71	R-6000	IPE
THT-71-479-20	20 000	6	8.00	8.00	9.53	10.54	60.71	R-6000	IPE
THT-72-457-10	10 000	1	44.45	6.35	—	8.89	49.53	R-6000	IPE
THT-72-479-10	10 000	1	44.45	6.35	—	8.89	49.53	R-6000	IPE
THT-72-497-10	10 000	1	44.45	6.35	—	8.89	49.53	R-6000	IPE
THT-96-477-10	10 000	4	12.70	6.99	15.24	9.53	63.50	R-6000	IPE
THT-96-487-10	10 000	4	12.70	6.99	15.24	9.53	63.50	R-6000	IPE
THT-96-497-10	10 000	4	12.70	6.99	15.24	9.53	63.50	R-6000	IPE
THT-97-478-10	10 000	1	12.70	5.08	—	7.62	17.78	R-6000	—
THT-97-479-10	10 000	1	12.70	5.08	—	7.62	17.78	R-6000	—
THT-97-497-10	10 000	1	12.70	5.08	—	7.62	17.78	R-6000	—
THT-99-477-10	10 000	1	12.70	12.70	—	15.24	17.78	R-6000	
THT-103-478-10	10 000	1	25.40	6.35	—	8.89	30.48	R-6000	IPE
THT-103-479-10	10 000	1	25.40	6.35	—	8.89	30.48	R-6000	IPE
THT-103-497-10	10 000	1	25.40	6.35	—	8.89	30.48	R-6000	IPE
THT-104-497-20	20 000	6	8.00	4.50	9.53	7.92	60.71	R-6000	IPE

Circuit Board and Component Identification Labels

Polyesters

B-422, B-423, B-459, B-488 Permanent White Polyester
B-473 Static Dissipative White Polyester
B-433 Removable White Polyester

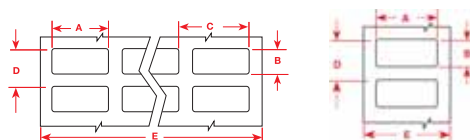


Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-1-423-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-1-459-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-1-473-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPE
THT-1-488-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-4300	IPE
THT-2-423-10	10 000	3	22.86	6.35	28.58	8.89	85.09	R-6000	IPE
THT-2-473-10	10 000	3	22.86	6.35	28.58	8.89	85.09	R-6000	IPE
THT-3-423-10	10 000	3	25.40	9.53	27.31	12.07	85.09	R-6000	IPE
THT-3-473-10	10 000	3	25.40	9.53	27.31	12.07	85.09	R-6000	IPE
THT-4-423-10	10 000	2	38.10	3.18	41.91	6.35	85.09	R-6000	IPE
THT-4-473-10	10 000	2	38.10	3.18	41.91	6.35	85.09	R-6000	IPE
THT-5-423-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-433-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-459-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-473-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-11-423-10	10 000	12	6.35	6.35	6.35	9.53	81.28	R-6000	IPE
THT-11-473-10	10 000	12	6.35	6.35	6.35	9.53	81.28	R-6000	IPE
THT-12-423-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPE
THT-12-433-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPE
THT-12-473-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPE
THT-13-423-10	10 000	2	31.75	6.35	33.02	9.53	69.85	R-6000	IPE
THT-13-433-10	10 000	2	31.75	6.35	33.02	9.53	69.85	R-6000	IPE
THT-13-473-10	10 000	2	31.75	6.35	33.02	9.53	69.85	R-6000	IPE
THT-14-423-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-14-459-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-14-473-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-6000	IPE
THT-15-423-2.5	2 500	1	50.80	6.35	—	9.53	55.88	R-6000	IPE
THT-15-473-2.5	2 500	1	50.80	6.35	—	9.53	55.88	R-6000	IPE
THT-16-423-2.5	2 500	1	76.20	6.35	—	9.53	81.28	R-6000	IPE
THT-28-423-10	10 000	2	38.10	3.18	41.91	6.35	85.09	R-6000	IPE
THT-29-423-10	10 000	2	31.75	9.53	33.02	12.07	69.85	R-6000	IPE
THT-36-422-10	10 000	5	12.70	5.08	15.88	7.62	81.28	R-6000	IPE
THT-36-423-10	10 000	5	12.70	5.08	15.88	7.62	81.28	R-6000	IPE
THT-36-473-10	10 000	5	12.70	5.08	15.88	7.62	81.28	R-6000	IPE
THT-38-423-10	10 000	7	9.53	9.53	11.10	12.07	81.28	R-6000	IPE
THT-38-473-10	10 000	7	9.53	9.53	11.10	12.07	81.28	R-6000	IPE
THT-40-423-10	10 000	2	34.93	6.35	37.47	9.53	77.47	R-6000	IPE
THT-41-423-10	10 000	3	25.40	4.75	27.31	7.29	85.09	R-6000	IPE
THT-42-423-10	10 000	1	25.40	4.75	—	6.93	30.48	R-6000	IPE
THT-43-423-10	10 000	1	31.75	6.35	—	8.89	36.83	R-6000	IPE
THT-43-473-10	10 000	1	31.75	6.35	—	8.89	36.83	R-6000	IPE
THT-44-423-10	10 000	1	34.93	6.35	—	8.89	40.64	R-6000	IPE
THT-45-423-10	10 000	1	38.10	6.35	—	8.89	43.18	R-6000	IPE
THT-45-473-10	10 000	1	38.10	6.35	—	8.89	43.18	R-6000	IPE
THT-46-423-10	10 000	1	19.05	6.35	—	8.89	24.13	R-6000	IPE
THT-46-473-10	10 000	1	19.05	6.35	—	8.89	24.13	R-6000	IPE
THT-47-423-10	10 000	1	16.51	5.08	—	7.62	21.59	R-6000	IPE
THT-47-473-10	10 000	1	16.51	5.08	—	7.62	21.59	R-6000	IPE
THT-48-423-10	10 000	1	50.80	6.35	—	8.89	55.88	R-6000	IPE
THT-48-473-10	10 000	1	50.80	6.35	—	8.89	55.88	R-6000	IPE
THT-49-423-10	10 000	1	22.86	6.35	—	8.89	27.94	R-6000	IPE
THT-49-473-10	10 000	1	22.86	6.35	—	8.89	27.94	R-6000	IPE
THT-50-423-10	10 000	4	19.05	19.05	20.32	22.23	85.09	R-6000	IPE
THT-51-423-10	10 000	3	25.40	6.35	27.31	9.53	85.09	R-6000	IPE
THT-57-473-10	10 000	4	17.78	9.53	20.32	12.07	85.09	R-6000	IPE
THT-57-423-10	10 000	4	17.78	9.53	20.32	12.07	85.09	R-6000	IPE
THT-58-473-10	10 000	1	25.40	9.53	—	12.07	30.48	R-6000	IPE
THT-59-423-10	10 000	1	25.40	12.70	—	15.24	30.48	R-6000	IPE
THT-59-473-10	10 000	1	25.40	12.70	—	15.24	30.48	R-6000	IPE
THT-70-473-20	20 000	7	6.35	6.35	8.13	8.89	60.20	R-6000	IPE
THT-79-423-10	10 000	1	50.80	10.16	—	12.70	55.88	R-6000	IPE

Circuit Board and Component Identification Labels

Polyesters (continued)

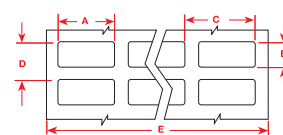
B-423, B-488 Permanent White Polyesters
B-473 Static Dissipative White polyester



Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-96-473-10	10 000	4	12.70	6.99	15.24	9.53	63.50	R-6000	IPE
THT-97-423-10	10 000	1	12.70	5.08	—	7.62	17.78	R-6000	IPE
THT-97-473-10	10 000	1	12.70	5.08	—	7.62	17.78	R-6000	
THT-99-473-10	10 000	1	12.70	12.70	—	15.24	17.78	R-6000	
THT-100-473-10	10 000	1	17.78	9.53	—	12.07	22.86	R-6000	IPE
THT-103-423-10	10 000	1	25.40	6.35	—	8.89	30.48	R-6000	IPE
THT-140-488-3	3 000	2	19.05	22.86	25.44	22.23	53.34	R-4300	IPE
THT-141-488-3	3 000	2	22.86	22.86	25.40	25.40	53.34	R-4300	IPE
THT-142-423-2.5	2 500	1	63.50	5.08	—	7.62	68.58	R-6000	IPE

Metallised Polyesters

B-428 Permanent Metallised Silver Polyester
B-434 Rough Surface Metallised Polyester
B-435 Glossy Silver Metallised Polyester



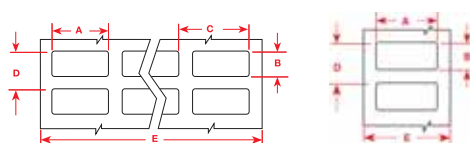
Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-1-428-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-4300	IPC
THT-1-435-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-6000	IPC
THT-3-428-10	10 000	3	25.40	9.53	27.31	12.07	85.09	R-4300	IPC
THT-5-428-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPC
THT-5-434-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPC
THT-5-435-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-4300	IPC
THT-12-428-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-6000	IPC
THT-12-435-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-4300	IPC



The B-7351 tamper-resistant vinyl label destroys itself upon removal.

Miscellaneous Materials

B-437 Flame-Retardant White or Yellow Tedlar®
B-498 White Vinyl Cloth, Repositionable Adhesive
B-7351 Tamper-evident White Vinyl



Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-1-7351-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-7961	IPE
THT-1-437-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-7961	IPE
THT-1-498-10	10 000	4	19.05	6.35	20.32	8.89	85.09	R-7961	IPE
THT-2-437-10	10 000	3	22.86	6.35	28.58	8.89	85.09	R-7961	IPE
THT-4-7351-10	10 000	2	38.10	6.35	41.91	8.89	85.09	R-7961	IPE
THT-5-7351-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-7961	IPE
THT-5-437-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-7961	IPE
THT-5-437-10-YL	10 000	3	25.40	12.70	27.31	15.24	85.09	R-7961	IPE
THT-5-498-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-7961	IPE
THT-12-7351-10	10 000	5	12.70	11.10	16.81	13.64	85.09	R-7961	IPE
THT-14-7351-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-7961	IPE
THT-14-437-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-7961	IPE
THT-14-498-10	10 000	4	16.51	5.08	17.78	7.62	74.93	R-7961	IPE
THT-15-7351-2.5	2 500	1	50.80	6.35	—	9.53	55.88	R-7961	IPE
THT-29-437-10	10 000	2	31.75	9.53	33.02	12.07	69.85	R-7961	IPE
THT-29-437-10-YL	10 000	2	31.75	9.53	33.02	12.07	69.85	R-7961	IPE

THERMAL TRANSFER LABELS

Labels for Auto Apply

Auto Apply labels utilises the latest converting technology from Brady, designed to maximise production efficiency and offers an unparalleled label quality. In previous identification systems, the majority of auto-application failures derive from over-cutting. Brady's Auto Apply Labels guarantee that absolutely no over-cutting into the liner will occur, saving you time and money.



Features and Benefits of Brady's Auto Apply Labels

- NO over-cutting into liner
- NO adhesive bleeding
- NO label curling
- NO dispensing problems
- Maximum efficiency
- Lower product costs



Polyimide/Polyester

B-496 High-Temperature White Polyimide
B-7423 Permanent White Polyester

Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Vertical Repeat (mm) C	Web Width (mm) D	Recommended Ribbon Series
THTCLT-01-496-5	5 000	1	5.00	5.00	7.99	25.00	R-6000
THTCLT-02-496-5	5 000	1	6.35	6.35	9.33	25.00	R-6000
THTCLT-03-496-5	5 000	1	7.00	7.00	10.00	25.00	R-6000
THTCLT-04-496-5	5 000	1	8.00	8.00	10.98	25.00	R-6000
THTCLT-05-496-5	5 000	1	9.53	9.53	12.55	25.00	R-6000
THTCLT-06-496-5	5 000	1	16.00	5.00	7.99	25.00	R-6000
THTCLT-07-496-5	5 000	1	19.05	6.35	9.33	25.00	R-6000
THTCLT-08-496-5	5 000	1	25.40	6.35	15.24	30.48	R-6000
THTCLT-09-496-5	5 000	1	38.10	6.35	9.33	44.00	R-6000
THT-208-496-10	10 000	1	5.00	5.00	7.983	25.00	R-6000
THT-209-496-10	10 000	1	6.35	6.35	10.160	25.00	R-6000
THT-210-496-10	10 000	1	9.53	9.53	12.700	25.00	R-6000
THT-211-496-10	10 000	1	12.70	12.70	15.875	25.00	R-6000
THT-212-496-10	10 000	1	19.00	6.35	10.160	25.00	R-6000
THT-208-7423-10	10 000	1	5.00	5.00	7.983	25.00	R-6200
THT-209-7423-10	10 000	1	6.35	6.35	10.160	25.00	R-6200
THT-210-7423-10	10 000	1	9.53	9.53	12.700	25.00	R-6200
THT-211-7423-10	10 000	1	12.70	12.70	15.875	25.00	R-6200
THT-212-7423-10	10 000	1	19.00	6.35	10.160	25.00	R-6200

The Auto Apply standard range exists of parts initially focussed on small labels for PCBA identification applications. However, Auto Apply is suitable for a myriad of applications and custom parts and the following Brady standard materials are available for custom quoting.

The following materials are available in custom parts in Auto Apply Technology

Polyester: B-423, B-430, B-432, B-433, B-473, B-483, B-7423, B-8423,
 Polyimide: B-426, B-457, B487, B-496

Nylon: B-499

For guaranteed results, we always recommend using the Auto Apply labels with our PAM range of applicators.

Auto dispensability will be dependant on the size and requirements, please contact your local customer service for a trial order.



Labels utilising Brady's Clean Liner Technology



Labels without Clean Liner Technology

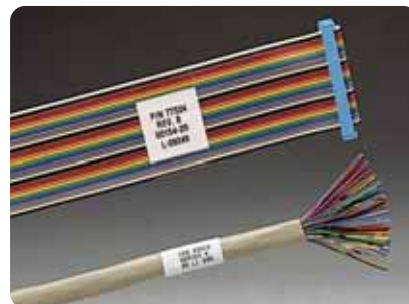
For more information on Auto Apply, download our brochure from
www.bradyeurope.com/downloads



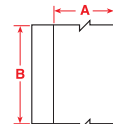
Wire and Cable Marking Labels



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



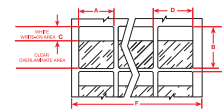
Identifying flat ribbon and multi-paired colour cable is fast and easy with legends this sharp.



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

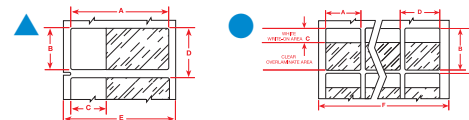
Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-21-437	1	1	76.20	91.44	—	91.44	81.28	R-4300	IPE
THT-21-437-YL	1	1	76.20	91.44	—	91.44	81.28	R-4300	IPE

B-427 Self-laminating Vinyl For flat ribbon cable marking.



Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Write-On Height (mm) C	Horizontal Repeat (mm) D	Vertical Repeat (mm) E	Web Width (mm) F	Recommended Ribbon Series	Max. Wire Diam (mm)	IP™ Enabled/Compatible
THT-10-427-3	3 000	3	25.40	95.25	25.40	27.30	101.60	85.09	R-4300	22	IPE
THT-10-427-3-YL	3 000	3	25.40	95.25	25.40	27.30	101.60	85.09	R-4300	22	IPE
THT-27-427-3	1 000	—	50.80	95.25	25.40	—	101.60	55.88	R-4300	22	IPE

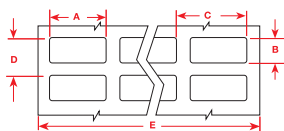
B-427 White or Yellow/Transparent Self-laminating Vinyl For wire and cable identification.



Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Write-On Height (mm) C	Horizontal Repeat (mm) D	Vertical Repeat (mm) E	Web Width (mm) F	Recommended Ribbon Series	Max. Wire Diam (mm)	IP™ Enabled/Compatible
● THT-8-427-10	10 000	5	12.70	36.50	12.70	16.81	41.28	85.09	R-4300	7	IPE
● THT-9-427-10	10 000	3	25.40	36.50	12.70	27.30	41.28	85.09	R-4300	7	IPE
● THT-9-427-10-YL	10 000	3	25.40	36.50	12.70	27.30	41.28	85.09	R-4300	7	—
● THT-10-427-3	3 000	3	25.40	95.25	25.40	27.30	101.60	85.09	R-4300	22	IPE
● THT-10-427-10-YL	3 000	3	25.40	95.25	25.40	27.30	101.60	85.09	R-4300	22	IPE
● THT-26-427-1	1 000	1	63.50	57.15	19.05	—	61.93	68.58	R-4300	12	IPE
● THT-27-427-1	1 000	1	50.80	95.25	25.40	—	101.60	55.88	R-4300	22	IPE
● THT-56-427-10	10 000	4	19.05	23.81	9.52	20.32	28.58	85.09	R-4300	4	IPE
▲ THT-61-427-5	5 000	1	36.50	12.70	12.70	—	17.45	41.58	R-4300	7	IPE
▲ THT-62-427-3.5	3 500	1	44.45	19.05	12.70	—	23.80	49.53	R-4300	10	IPE
▲ THT-63-427-3.5	3 500	1	36.50	20.32	12.70	—	25.07	41.58	R-4300	7	IPE
▲ THT-64-427-3.5	3 000	1	57.15	25.40	19.05	—	30.15	62.23	R-4300	12	IPE
▲ THT-64-427-3-YL	3 000	1	57.15	25.40	19.05	—	30.15	62.23	R-4300	12	—
▲ THT-65-427-3	3 000	1	95.25	25.40	25.40	—	30.15	100.33	R-4300	22	IPE
▲ THT-65-427-3-YL	3 000	1	95.25	25.40	25.40	—	30.15	100.33	R-4300	22	—
▲ THT-66-427-1.5	1 500	1	80.95	48.26	19.05	—	54.61	86.03	R-4300	19	IPE
▲ THT-67-427-1.5	1 500	1	57.15	50.80	19.05	—	55.55	62.23	R-4300	12	IPE
▲ THT-73-427-10	10 000	4	19.05	44.45	12.70	20.32	47.63	85.09	R-4300	10	IPE
▲ THT-74-427-10	10 000	4	20.32	36.50	12.70	20.32	41.28	85.09	R-4300	7	IPE
▲ THT-75-427-3	3 000	2	25.40	57.15	19.05	27.94	60.33	58.42	R-4300	12	IPE
▲ THT-75-427-3-YL	3 000	2	25.40	57.15	19.05	27.94	60.33	58.42	R-4300	12	IPE
▲ THT-80-427-5	5 000	4	12.70	19.05	9.53	15.24	24.13	63.50	R-4300	3	IPE
▲ THT-81-427-1	1 000	2	25.40	152.40	38.10	27.94	157.15	55.88	R-4300	36	IPE
▲ THT-82-427-1	1 000	1	50.80	152.40	38.10	—	158.75	55.88	R-4300	40	IPE
▲ THT-83-427-0.5	500	1	50.80	177.80	38.10	—	182.55	55.88	R-4300	44	IPE
▲ THT-85-427-2	2 000	1	50.80	152.40	38.10	55.88	157.48	R-4300	R-4300	36	IPE
▲ THT-86-427-2	2 000	1	50.80	177.80	38.10	55.88	182.88	R-4300	R-4300	44	IPE

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

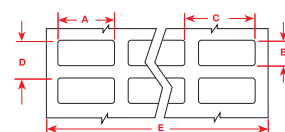
Wire and Cable Marking Labels



B-499 White General Purpose Nylon Cloth Permanent Adhesive

Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IPTM Enabled/Compatible
THT-68-499-10	10 000	4	12.70	19.05	15.24	21.59	63.50	R-7961	IPE
THT-69-499-3	3 000	2	20.32	36.50	22.86	39.12	48.26	R-4900	IPE

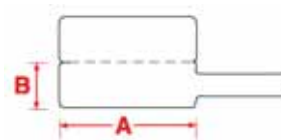
B-498 White Vinyl Cloth – Repositionable Adhesive



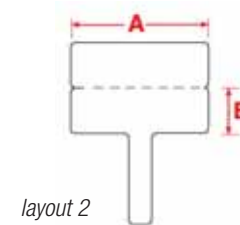
Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IPTM Enabled/Compatible
THT-5-498-10	10 000	3	25.40	12.70	27.31	15.24	85.09	R-7961	IPE
THT-68-498-10	10 000	4	12.70	19.05	15.24	21.59	63.50	R-7961	IPE
THT-87-498-10	10 000	6	12.70	36.50	15.24	39.68	93.98	R-7961	IPE
THT-88-498-5	5 000	2	25.40	19.05	27.94	22.23	58.42	R-7961	IPE
THT-89-498-5	5 000	3	25.40	36.50	27.94	39.68	86.36	R-7961	IPE
THT-90-498-5	5 000	6	6.35	36.50	8.89	39.68	55.88	R-7961	IPE
THT-91-498-5	5 000	4	19.05	23.80	22.23	26.98	88.90	R-7961	IPE
THT-95-498-5	5 000	3	20.32	36.50	22.86	39.68	71.12	R-7961	IPE

Tedlar® is a registered trademark of DuPont.
Perforations exist between each row of labels for easy tear-off.

THERMAL TRANSFER LABELS



layout 1



layout 2

B-425 White Polyolefin Film for Fibre Optic marking

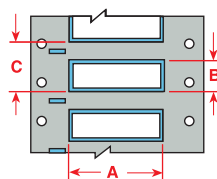
Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IPTM Enabled/Compatible
THTFP-01-425	2 500	1	30.00	10.00	—	26.03	56.00	R-4300	IPE
THTFT-01-425	2 500	1	30.00	10.00	33.00	46.04	69.00	R-4300	IPE

Sleeves for Wire and Cable Marking

3:1 Shrink Ratio Single-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 AMS-DTL-23053/5 Class 1, SAE AS-81531, MIL-STD-202F, METHOD 215, and UL224. The heat-shrinkable irradiated polyolefin does not smudge or fade when printed. The unique flattened full-circle design provides fast, permanent wire marking. PermaSleeve markers may be printed on Brady's thermal transfer printers.

B-342 White Polyolefin, Single-Sided Printable PermaSleeve Markers

Order Reference	Markers Per Box	Range of Wire Dia. Min. mm Max. mm	Approx. Wire Gauge**	Marker Width (mm) A	Marker Height (mm) B	Vertical Repeat (mm) C	Recommended Ribbon Series	IP™ Enabled/Compatible
38.10 mm Marker Width								
PS-094-150-WT	2 500	0.58 – 2.03	28-18	38.10	4.60	12.70	R-4300	IPE
PS-094-150-WT-S	500	0.58 – 2.03	28-18	38.10	4.60	12.70	R-4300	IPE
PS-125-150-WT-S	500	1.17 – 2.79	22-16	38.10	6.00	12.70	R-4300	IPE
PS-187-150-WT	2 500	1.57 – 3.81	18-12	38.10	8.50	15.88	R-4300	IPE
PS-187-150-WT-S	500	1.57 – 3.81	18-12	38.10	8.50	15.88	R-4300	IPE
PS-250-150-WT	2 500	2.39 – 5.46	16-10	38.10	11.15	19.05	R-4300	IPE
PS-375-150-WT	1 000	3.18 – 8.13	12-6	38.10	16.40	25.40	R-4300	IPE
PS-375-150-WT-S	250	3.18 – 8.13	12-6	38.10	16.40	25.40	R-4300	IPE
PS-500-150-WT	500	4.75 – 11.43	8-1	38.10	21.60	31.75	R-4300	IPE
PS-500-150-WT-S	250	4.75 – 11.43	8-1	38.10	21.60	31.75	R-4300	IPE
50.80 mm Marker Width								
PS-094-2-WT	2 500	0.58 – 2.03	28-18	50.80	4.60	12.70	R-4300	IPE
PS-094-2-WT-S	500	0.58 – 2.03	28-18	50.80	4.60	12.70	R-4300	IPE
PS-125-2-WT	2 500	1.17 – 2.79	22-16	50.80	6.00	12.70	R-4300	IPE
PS-125-2-WT-S	500	1.17 – 2.79	22-16	50.80	6.00	12.70	R-4300	IPE
PS-187-2-WT	2 500	1.57 – 3.81	18-12	50.80	8.50	15.88	R-4300	IPE
PS-187-2-WT-S	500	1.57 – 3.81	18-12	50.80	8.50	15.88	R-4300	IPE
PS-250-2-WT	2 500	2.39 – 5.46	16-10	50.80	11.15	19.05	R-4300	IPE
PS-250-2-WT-S	500	2.39 – 5.46	16-10	50.80	11.15	19.05	R-4300	IPE
PS-375-2-WT	1 000	3.18 – 8.13	12-6	50.80	16.40	25.40	R-4300	IPE
PS-375-2-WT-S	250	3.18 – 8.13	12-6	50.80	16.40	25.40	R-4300	IPE
PS-500-2-WT	500	4.75 – 11.43	8-1	50.80	21.60	31.75	R-4300	IPE
PS-500-2-WT-S	250	4.75 – 11.43	8-1	50.80	21.60	31.75	R-4300	IPE

B-341 White Polyolefin, Single-Sided Printable PermaSleeve™ Markers

Order Reference	Markers Per Box	Range of Wire Dia. Min. mm Max. mm	Approx. Wire Gauge**	Marker Width (mm) A	Marker Height (mm) B	Vertical Repeat (mm) C	Recommended Ribbon Series	IP™ Enabled/Compatible
50.80 mm Marker Width								
PS-1000-2-WT	250	11.43 – 24.13	1-500	50.80	42.16	50.80	R-4300	IPE

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

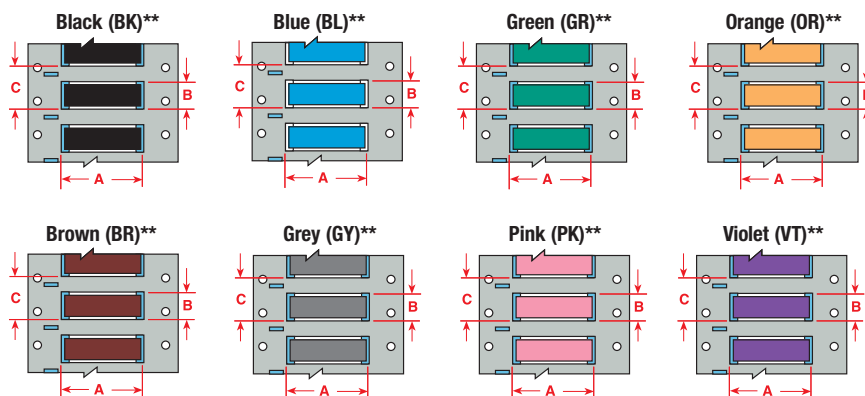
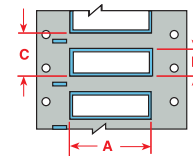
Sleeves may be perforated at factory for shorter marker lengths. Depending on overall length, sleeves may be perforated in halves, thirds or fourths. Contact your Brady Identification Solutions Distributor or Customer Service Representative for ordering information.

Sleeves for Wire and Cable Marking

Coloured Double-sided 3:1 Shrink Ratio PermaSleeve™ Markers



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.



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

B-342 Coloured Polyolefin, 3:1 Double-sided Printable PermaSleeve™ Markers

Order Reference	Markers Per Box	Range of Wire Dia.		Approx. Wire Gauge**	Marker Width (mm)		Marker Height (mm)	Vertical Repeat (mm)	Recommended Ribbon Series	IPTM Enabled/Compatible
		Min. mm	Max. mm		A	B				
50.80 mm Marker Width										
3PS-094-2-WT	2 500	0.58 – 2.03		28-18	50.80		4.60	12.70	R-4300	IPE
3PS-094-2-WT-S	500	0.58 – 2.03		28-18	50.80		4.60	12.70	R-4300	IPE
3PS-125-2-WT	2 500	1.17 – 2.79		22-16	50.80		6.00	12.70	R-4300	IPE
3PS-125-2-WT-S	500	1.17 – 2.79		22-16	50.80		6.00	12.70	R-4300	IPE
3PS-187-2-WT	2 500	1.57 – 3.81		18-12	50.80		8.50	16.00	R-4300	IPE
3PS-187-2-WT-S	500	1.57 – 3.81		18-12	50.80		8.50	16.00	R-4300	IPE
3PS-250-2-WT	2 500	2.39 – 5.46		16-10	50.80		11.15	19.05	R-4300	IPE
3PS-250-2-WT-S	500	2.39 – 5.46		16-10	50.80		11.15	19.05	R-4300	IPE
3PS-375-2-WT	1 000	3.18 – 8.13		12-6	50.80		16.40	25.40	R-4300	IPE
3PS-375-2-WT-S	250	3.18 – 8.13		12-6	50.80		16.40	25.40	R-4300	IPE
3PS-500-2-WT	500	4.75 – 11.43		8-1	50.80		21.60	31.75	R-4300	IPE
3PS-500-2-WT-S	250	4.75 – 11.43		8-1	50.80		21.60	31.75	R-4300	IPE
3PS-1000-2-WT	100	11.43 – 24.13		1-500	50.80		42.16	50.80	R-4300	IPE

Contact your Brady Identification Solutions Distributor or Customer Service Representative for ordering information. When ordering colours, please replace WT with YL (Yellow) RD (Red) BL (Blue) OR (Orange) GR (Green) BK (Black) BR (Brown) GY (Grey) PK (Pink) VT (Violet)

B-341 Coloured Polyolefin, 2:1 Single-Sided Printable PermaSleeve™ Markers

Order Reference	Markers Per Box	Range of Wire Dia.		Approx. Wire Gauge**	Marker Width (mm)		Marker Height (mm)	Vertical Repeat (mm)	Recommended Ribbon Series	IPTM Enabled/Compatible
		Min. mm	Max. mm		A	B				
50.80 mm Marker Width										
PS-1000-2-YL	250	11.43 – 24.13		1-500	50.80		42.16	50.80	R-4300	IPE
PS-1000-2-BK-S	100	11.43 – 24.13		1-500	50.80		42.16	50.80	R-4300	—

*To choose a specific ribbon width for your particular label, please use the Ribbon/Width Cross Reference Guide on page 123.

***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 Marking

Heatex™ Identification Systems

Heatex is a marking system for identification of wires, cables, tubes and equipment that offers a superb combination of clarity and durability. The markers are nicely organised on a thermal printable backing liner. This allows you to print the mounting instructions next to the marker. This you simply state on the liner where the marker should go. Can save you time and the trouble of carrying blueprints into the work-shop.



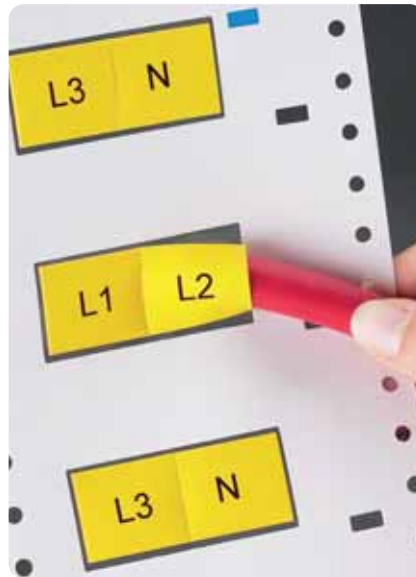
ZHSDS-4.8X25-B7641-YL

Zero Hal Heatex Sleeve Double-sided
 ZHS: Zero Hal Heatex sleeve
 HS: Heatex Sleeve
 HSDS: Heatex Sleeve Double Sided

WT: White
 YL: Yellow

B-number

Max cable diameter x width



Sleeves for Wire and Cable Marking



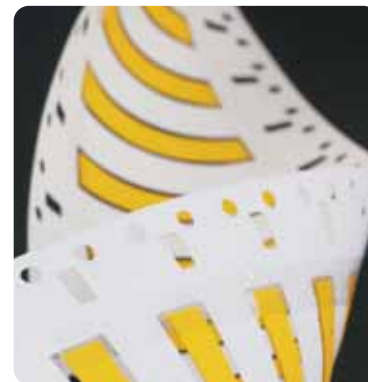
B-7642 Heatex™ Sleeve 2:1 Shrink Ratio Yellow or White – Single-sided printable, Self Extinguishing

Order Reference	Markers Per Box	Colour	Width (mm)	Height (mm)	Max wire dia (mm)	Min wire dia (mm)	Recommended Ribbon Series
HS-2.4x12.5-B7642-YL	4 000	Yellow	12.50	3.77	2.40	1.20	R-4300
HS-2.4x19.0-B7642-YL	2 000	Yellow	19.00	3.77	2.40	1.20	R-4300
HS-2.4x22-B7642-YL	2 000	Yellow	22.00	3.77	2.40	1.20	R-4300
HS-2.4x25-B7642-YL	2 000	Yellow	25.00	3.77	2.40	1.20	R-4300
HS-2.4x38-B7642-YL	1 000	Yellow	38.00	3.77	2.40	1.20	R-4300
HS-2.4x44-B7642-YL	1 000	Yellow	44.00	3.77	2.40	1.20	R-4300
HS-2.4x50-B7642-YL	1 000	Yellow	50.00	3.77	2.40	1.20	R-4300
HS-3.2x12.5-B7642-YL	4 000	Yellow	12.50	6.00	3.20	1.60	R-4300
HS-3.2x19-B7642-YL	2 000	Yellow	19.00	6.00	3.20	1.60	R-4300
HS-3.2x22-B7642-YL	2 000	Yellow	22.00	6.00	3.20	1.60	R-4300
HS-3.2x25-B7642-YL	2 000	Yellow	25.00	6.00	3.20	1.60	R-4300
HS-3.2x38-B7642-YL	1 000	Yellow	38.00	6.00	3.20	1.60	R-4300
HS-3.2x44-B7642-YL	1 000	Yellow	44.00	6.00	3.20	1.60	R-4300
HS-3.2x50-B7642-YL	1 000	Yellow	50.00	6.00	3.20	1.60	R-4300
HS-4.8x12.5-B7642-YL	4 000	Yellow	12.50	8.90	4.80	2.40	R-4300
HS-4.8x19-B7642-YL	2 000	Yellow	19.00	8.90	4.80	2.40	R-4300
HS-4.8x22-B7642-YL	2 000	Yellow	22.00	8.90	4.80	2.40	R-4300
HS-4.8x25-B7642-YL	2 000	Yellow	25.00	8.90	4.80	2.40	R-4300
HS-4.8x38-B7642-YL	1 000	Yellow	38.00	8.90	4.80	2.40	R-4300
HS-4.8x44-B7642-YL	1 000	Yellow	44.00	8.90	4.80	2.40	R-4300
HS-4.8x50-B7642-YL	1 000	Yellow	50.00	8.90	4.80	2.40	R-4300
HS-6.4x12.5-B7642-YL	4 000	Yellow	12.50	11.00	6.40	3.20	R-4300
HS-6.4x19-B7642-YL	2 000	Yellow	19.00	11.00	6.40	3.20	R-4300
HS-6.4x22-B7642-YL	2 000	Yellow	22.00	11.00	6.40	3.20	R-4300
HS-6.4x25-B7642-YL	2 000	Yellow	25.00	11.00	6.40	3.20	R-4300
HS-6.4x38-B7642-YL	1 000	Yellow	38.00	11.00	6.40	3.20	R-4300
HS-6.4x44-B7642-YL	1 000	Yellow	44.00	11.00	6.40	3.20	R-4300
HS-6.4x50-B7642-YL	1 000	Yellow	50.00	11.00	6.40	3.20	R-4300
HS-9.5x12.5-B7642-YL	2 000	Yellow	12.50	15.50	9.50	4.75	R-4300
HS-9.5x19-B7642-YL	1 000	Yellow	19.00	15.50	9.50	4.75	R-4300
HS-9.5x22-B7642-YL	1 000	Yellow	22.00	15.50	9.50	4.75	R-4300
HS-9.5x25-B7642-YL	1 000	Yellow	25.00	15.50	9.50	4.75	R-4300
HS-9.5x38-B7642-YL	500	Yellow	38.00	15.50	9.50	4.75	R-4300
HS-9.5x44-B7642-YL	500	Yellow	44.00	15.50	9.50	4.75	R-4300
HS-9.5x50-B7642-YL	500	Yellow	50.00	15.50	9.50	4.75	R-4300
HS-12.7x12.5-B7642-YL	2 000	Yellow	12.50	21.00	12.70	6.35	R-4300
HS-12.7x19-B7642-YL	1 000	Yellow	19.00	21.00	12.70	6.35	R-4300
HS-12.7x22-B7642-YL	1 000	Yellow	22.00	21.00	12.70	6.35	R-4300
HS-12.7x25-B7642-YL	1 000	Yellow	25.00	21.00	12.70	6.35	R-4300
HS-12.7x38-B7642-YL	500	Yellow	38.00	21.00	12.70	6.35	R-4300
HS-12.7x44-B7642-YL	500	Yellow	44.00	21.00	12.70	6.35	R-4300
HS-12.7x50-B7642-YL	500	Yellow	50.00	21.00	12.70	6.35	R-4300
HS-19.0x12.5-B7642-YL	2 000	Yellow	12.50	32.00	19.00	9.50	R-4300
HS-19.0x19-B7642-YL	1 000	Yellow	19.00	32.00	19.00	9.50	R-4300
HS-19.0x22-B7642-YL	1 000	Yellow	22.00	32.00	19.00	9.50	R-4300
HS-19.0x25-B7642-YL	1 000	Yellow	25.00	32.00	19.00	9.50	R-4300
HS-19.0x38-B7642-YL	500	Yellow	38.00	32.00	19.00	9.50	R-4300
HS-19x44-B7642-YL	500	Yellow	44.00	32.00	19.00	9.50	R-4300
HS-19.0x50-B7642-YL	500	Yellow	50.00	32.00	19.00	9.50	R-4300
HS-25.4x12.5-B7642-YL	1 200	Yellow	12.50	41.00	25.40	12.70	R-4300
HS-25.4x19-B7642-YL	600	Yellow	19.00	41.00	25.40	12.70	R-4300
HS-25.4x25-B7642-YL	600	Yellow	25.00	41.00	25.40	12.70	R-4300
HS-25.4x38-B7642-YL	300	Yellow	38.00	41.00	25.40	12.70	R-4300
HS-25.4x44-B7642-YL	300	Yellow	44.00	41.00	25.40	12.70	R-4300
HS-25.4x50-B7642-YL	300	Yellow	50.00	41.00	25.40	12.70	R-4300
HS-38.1x38-B7642-YL	100	Yellow	38.00	64.00	38.10	19.05	R-4300
HS-38.1x50-B7642-YL	100	Yellow	50.00	64.00	38.10	19.05	R-4300
HS-38.1x75-B7642-YL	100	Yellow	75.00	64.00	38.10	19.05	R-4300
HS-50.8x38-B7642-YL	100	Yellow	38.00	82.00	50.80	25.40	R-4300
HS-50.8x50-B7642-YL	100	Yellow	50.00	82.00	50.80	25.40	R-4300
HS-50.8x75-B7642-YL	100	Yellow	75.00	82.00	50.80	25.40	R-4300

To order White sleeves, replace YL after the part number with WT when ordering

THERMAL TRANSFER LABELS

Sleeves for Wire and Cable Marking



B-7642 Heatex™ Sleeve 2:1 Shrink Ratio Yellow or White – Double-sided printable, Self Extinguishing

Order Reference	Markers Per Box	Colour	Width (mm)	Height (mm)	Max wire dia (mm)	Min wire dia (mm)	Recommended Ribbon Series
HSDS-2.4x25-B7642-YL	2 000	Yellow	25.00	3.77	2.40	1.20	R-4300
HSDS-2.4x50-B7642-YL	1 000	Yellow	50.00	3.77	2.40	1.20	R-4300
HSDS-3.2x25-B7642-YL	2 000	Yellow	25.00	6.00	3.20	1.60	R-4300
HSDS-3.2x50-B7642-YL	1 000	Yellow	50.00	6.00	3.20	1.60	R-4300
HSDS-4.8x25-B7642-YL	2 000	Yellow	25.00	8.90	4.80	2.40	R-4300
HSDS-4.8x50-B7642-YL	1 000	Yellow	50.00	8.90	4.80	2.40	R-4300
HSDS-6.4x25-B7642-YL	2 000	Yellow	25.00	11.00	6.40	3.20	R-4300
HSDS-6.4x50-B7642-YL	1 000	Yellow	50.00	11.00	6.40	3.20	R-4300
HSDS-9.5x25-B7642-YL	1 000	Yellow	25.00	15.50	9.50	4.75	R-4300
HSDS-9.5x50-B7642-YL	500	Yellow	50.00	15.50	9.50	4.75	R-4300
HSDS-12.7x25-B7642-YL	1 000	Yellow	25.00	21.00	12.70	6.35	R-4300
HSDS-12.7x50-B7642-YL	500	Yellow	50.00	21.00	12.70	6.35	R-4300
HSDS-19.0x25-B7642-YL	1 000	Yellow	25.00	32.00	19.00	9.50	R-4300
HSDS-19.0x50-B7642-YL	500	Yellow	50.00	32.00	19.00	9.50	R-4300
HSDS-25.4x50-B7642-YL	300	Yellow	50.00	41.00	25.40	12.70	R-4300
HSDS-38.1x50-B7642-YL	100	Yellow	50.00	64.00	38.10	19.05	R-4300
HSDS-50.8x50-B7642-YL	100	Yellow	50.00	82.00	50.80	25.40	R-4300

To order White sleeves. replace YL after the part number with WT when ordering



B-7641 Zero Halogen Heatex™ Sleeve 2:1 Shrink Ratio Yellow or White – Double-sided printable

Order Reference	Markers Per Box	Colour	Width (mm)	Height (mm)	Max wire dia (mm)	Min wire dia (mm)	Recommended Ribbon Series
ZHSDS-2.4x25 -B7641-YL	2 000	Yellow	25.00	3.77	2.40	1.20	R-6000
ZHSDS-2.4x50-B7641-YL	1 000	Yellow	50.00	3.77	2.40	1.20	R-6000
ZHSDS-3.2x25-B7641-YL	2 000	Yellow	25.00	6.00	3.20	1.60	R-6000
ZHSDS-3.2x50-B7641-YL	1 000	Yellow	50.00	6.00	3.20	1.60	R-6000
ZHSDS-4.8x25-B7641-YL	2 000	Yellow	25.00	8.90	4.80	2.40	R-6000
ZHSDS-4.8x50-B7641-YL	1 000	Yellow	50.00	8.90	4.80	2.40	R-6000
ZHSDS-6.4x25-B7641-YL	2 000	Yellow	25.00	11.00	6.40	3.20	R-6000
ZHSDS-6.4x50-B7641-YL	1 000	Yellow	50.00	11.00	6.40	3.20	R-6000
ZHSDS-9.5x25-B7641-YL	1 000	Yellow	25.00	15.50	9.50	4.75	R-6000
ZHSDS-9.5x50-B7641-YL	500	Yellow	50.00	15.50	9.50	4.75	R-6000
ZHSDS-12.7x25-B7641-YL	1 000	Yellow	25.00	21.00	12.70	6.35	R-6000
ZHSDS-12.7x50-B7641-YL	500	Yellow	50.00	21.00	12.70	6.35	R-6000
ZHSDS-19x25-B7641-YL	1 000	Yellow	25.00	32.00	19.00	9.50	R-6000
ZHSDS-19x50-B7641-YL	500	Yellow	50.00	32.00	19.00	9.50	R-6000
ZHSDS-25.4x50-B7641-YL	300	Yellow	50.00	41.00	25.40	12.70	R-6000
ZHSDS-38.1x50-B7641-YL	100	Yellow	50.00	64.00	38.10	19.05	R-6000
ZHSDS-50.8x50-B7641-YL	100	Yellow	50.00	82.00	50.80	25.40	R-6000

To order White sleeves. replace YL after the part number with WT when ordering

Sleeves for Wire and Cable Marking

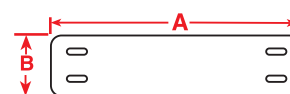
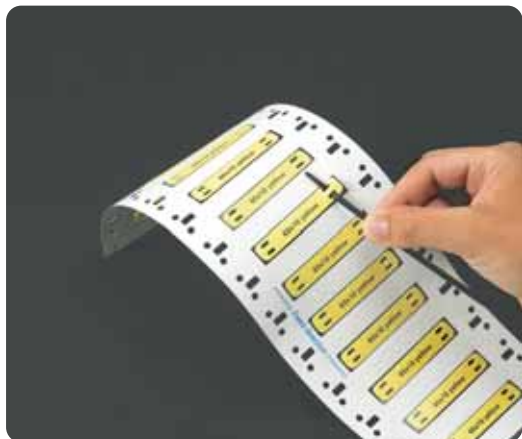


B-7641 Zero Halogen Heatex™ Sleeve 2:1 Shrink Ratio Yellow or White – Single-sided printable

Order Reference	Markers Per Box	Colour	Width (mm)	Height (mm)	Max wire dia (mm)	Min wire dia (mm)	Recommended Ribbon Series
ZHS-2.4x12.5-B7641-YL	4 000		12.50	3.77	2.40	1.20	R-6000
ZHS-2.4x19.0-B7641-YL	2 000		19.00	3.77	2.40	1.20	R-6000
ZHS-2.4x22-B7641-YL	2 000		22.00	3.77	2.40	1.20	R-6000
ZHS-2.4x25-B7641-YL	2 000		25.00	3.77	2.40	1.20	R-6000
ZHS-2.4x38-B7641-YL	1 000		38.00	3.77	2.40	1.20	R-6000
ZHS-2.4x44-B7641-YL	1 000		44.00	3.77	2.40	1.20	R-6000
ZHS-2.4x50-B7641-YL	1 000		50.00	3.77	2.40	1.20	R-6000
ZHS-3.2x12.5-B7641-YL	4 000		12.50	6.00	3.20	1.60	R-6000
ZHS-3.2x19-B7641-YL	2 000		19.00	6.00	3.20	1.60	R-6000
ZHS-3.2x22-B7641-YL	2 000		22.00	6.00	3.20	1.60	R-6000
ZHS-3.2x25-B7641-YL	2 000		25.00	6.00	3.20	1.60	R-6000
ZHS-3.2x38-B7641-YL	1 000		38.00	6.00	3.20	1.60	R-6000
ZHS-3.2x44-B7641-YL	1 000		44.00	6.00	3.20	1.60	R-6000
ZHS-3.2x50-B7641-YL	1 000		50.00	6.00	3.20	1.60	R-6000
ZHS-4.8x12.5-B7641-YL	4 000		12.50	8.90	4.80	2.40	R-6000
ZHS-4.8x19-B7641-YL	2 000		19.00	8.90	4.80	2.40	R-6000
ZHS-4.8x22-B7641-YL	2 000		22.00	8.90	4.80	2.40	R-6000
ZHS-4.8x25-B7641-YL	2 000		25.00	8.90	4.80	2.40	R-6000
ZHS-4.8x38-B7641-YL	1 000		38.00	8.90	4.80	2.40	R-6000
ZHS-4.8x44-B7641-YL	1 000		44.00	8.90	4.80	2.40	R-6000
ZHS-4.8x50-B7641-YL	1 000		50.00	8.90	4.80	2.40	R-6000
ZHS-6.4x12.5-B7641-YL	4 000		12.50	11.00	6.40	3.20	R-6000
ZHS-6.4x19-B7641-YL	2 000		19.00	11.00	6.40	3.20	R-6000
ZHS-6.4x22-B7641-YL	2 000		22.00	11.00	6.40	3.20	R-6000
ZHS-6.4x25-B7641-YL	2 000		25.00	11.00	6.40	3.20	R-6000
ZHS-6.4x38-B7641-YL	1 000		38.00	11.00	6.40	3.20	R-6000
ZHS-6.4x44-B7641-YL	1 000		44.00	11.00	6.40	3.20	R-6000
ZHS-6.4x50-B7641-YL	1 000		50.00	11.00	6.40	3.20	R-6000
ZHS-9.5x12.5-B7641-YL	2 000		12.50	15.50	9.50	4.75	R-6000
ZHS-9.5x19.0-B7641-YL	1 000		19.00	15.50	9.50	4.75	R-6000
ZHS-9.5x22-B7641-YL	1 000		22.00	15.50	9.50	4.75	R-6000
ZHS-9.5x25-B7641-YL	1 000		25.00	15.50	9.50	4.75	R-6000
ZHS-9.5x38-B7641-YL	500		38.00	15.50	9.50	4.75	R-6000
ZHS-9.5x44-B7641-YL	500		44.00	15.50	9.50	4.75	R-6000
ZHS-9.5x50-B7641-YL	500		50.00	15.50	9.50	4.75	R-6000
ZHS-12.7x12.5-B7641-YL	2 000		12.50	21.00	12.70	6.35	R-6000
ZHS-12.7x22-B7641-YL	1 000		19.00	21.00	12.70	6.35	R-6000
ZHS-12.7x19.0-B7641-YL	1 000		22.00	21.00	12.70	6.35	R-6000
ZHS-12.7x25-B7641-YL	1 000		25.00	21.00	12.70	6.35	R-6000
ZHS-12.7x38-B7641-YL	500		38.00	21.00	12.70	6.35	R-6000
ZHS-12.7x44-B7641-YL	500		44.00	21.00	12.70	6.35	R-6000
ZHS-12.7x50-B7641-YL	500		50.00	21.00	12.70	6.35	R-6000
ZHS-19.0x12.5-B7641-YL	2 000		12.50	32.00	19	9.50	R-6000
ZHS-19x22-B7641-YL	1 000		19.00	32.00	19	9.50	R-6000
ZHS-19.0x19.0-B7641-YL	1 000		22.00	32.00	19	9.50	R-6000
ZHS-19x25-B7641-YL	1 000		25.00	32.00	19	9.50	R-6000
ZHS-19x38-B7641-YL	500		38.00	32.00	19	9.50	R-6000
ZHS-19x44-B7641-YL	500		44.00	32.00	19	9.50	R-6000
ZHS-19x50-B7641-YL	500		50.00	32.00	19	9.50	R-6000
ZHS-25.4x12.5-B7641-YL	1 200		12.50	41.00	25.40	12.70	R-6000
ZHS-25.4x38-B7641-YL	600		38.00	41.00	25.40	12.70	R-6000
ZHS-25.4x19.0-B7641-YL	600		19.00	41.00	25.40	12.70	R-6000
ZHS-25.4x44-B7641-YL	300		44.00	41.00	25.40	12.70	R-6000
ZHS-25.4x25.0-B7641-YL	300		25.00	41.00	25.40	12.70	R-6000
ZHS-25.4x50-B7641-YL	300		50.00	41.00	25.40	12.70	R-6000
ZHS-38.1x38-B7641-YL	100		38.00	64.00	38.10	19.05	R-6000
ZHS-38.1x50-B7641-YL	100		50.00	64.00	38.10	19.05	R-6000
ZHS-38.1x75-B7641-YL	100		75.00	64.00	38.10	19.05	R-6000
ZHS-50.8x50-B7641-YL	100		50.00	82.00	50.80	25.40	R-6000

To order White sleeves, replace YL after the part number with WT when ordering

Sleeves for Cable Markers

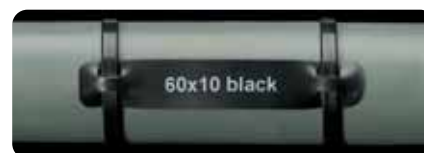


B-7643 Heatex™ Cable Markers

The Heatex cable markers are made of a Thermoplastic Polyether-Polyurethane (PUR), zero halogen material, suitable for both thermal and dot matrix printing. The markers are supplied on a thermal transfer printer liner which allows you to print mounting instructions on the liner! The markers can be printed with any THT printer.

The markers can be removed one by one of the liner, which allows you to print big batches and use each marker at the time when you need it.

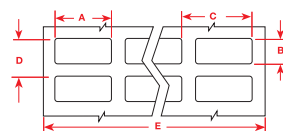
Order Reference	Pieces Per Roll	Description	Width (A) x Height (B) (mm)
HCM-60x10-B7643-WT	1000	HEATEX Cable Marker, White	60.00 x 10.00
HCM-75x10-B7643-WT	1000	HEATEX Cable Marker, White	75.00 x 10.00
HCM-75x15-B7643-WT	1000	HEATEX Cable Marker, White	75.00 x 15.00
HCM-75x25-B7643-WT	500	HEATEX Cable Marker, White	75.00 x 25.00
HCM-60x10-B7643-OR	1000	HEATEX Cable Marker, Orange	60.00 x 10.00
HCM-75x10-B7643-OR	1000	HEATEX Cable Marker, Orange	75.00 x 10.00
HCM-75x15-B7643-OR	1000	HEATEX Cable Marker, Orange	75.00 x 15.00
HCM-75x25-B7643-OR	500	HEATEX Cable Marker, Orange	75.00 x 25.00
HCM-60x10-B7643-YL	1000	HEATEX Cable Marker, Yellow	60.00 x 10.00
HCM-75x10-B7643-YL	1000	HEATEX Cable Marker, Yellow	75.00 x 10.00
HCM-75x15-B7643-YL	1000	HEATEX Cable Marker, Yellow	75.00 x 15.00
HCM-75x25-B7643-YL	500	HEATEX Cable Marker, Yellow	75.00 x 25.00
HCM-60x10-B7643-RD	1000	HEATEX Cable Marker, Red	60.00 x 10.00
HCM-75x10-B7643-RD	1000	HEATEX Cable Marker, Red	75.00 x 10.00
HCM-75x15-B7643-RD	1000	HEATEX Cable Marker, Red	75.00 x 15.00
HCM-75x25-B7643-RD	500	HEATEX Cable Marker, Red	75.00 x 25.00
HCM-60x10-B7643-BK	1000	HEATEX Cable Marker, Black	60.00 x 10.00
HCM-75x10-B7643-BK	1000	HEATEX Cable Marker, Black	75.00 x 10.00
HCM-75x15-B7643-BK	1000	HEATEX Cable Marker, Black	75.00 x 15.00
HCM-75x25-B7643-BK	500	HEATEX Cable Marker, Black	75.00 x 25.00



Cable Markers

Labels for Laminat™ Carriers and Tags

B-430 Clear Polyester Labels Specifically Designed to Fit The Laminat Carriers and Tags



Order Reference	Labels per roll	Labels across	Label Width A (mm)	Label Height (B)	Horizontal Repeat	Vertical Repeat	Web Width	IP™ Enabled/Compatible	Recommended Ribbon Series
THTL-6-430	1 000	1	11.00	49.00	—	14.11	61.00	—	R-6000
THTL-1-430	5 000	5	11.00	74.00	14.00	76.99	79.00	—	R-6000
THTL-2-430	5 000	5	11.00	124.00	14.00	127.00	79.00	IPE	R-6000
THTL-3-430	3 000	3	21.00	129.00	24.00	133.35	81.00	IPE	R-6000
THTL-4-430	2 000	2	37.00	21.00	40.00	24.25	89.00	—	R-6000
THTL-5-430	1 000	1	39.00	5.00	—	7.94	51.00	—	R-6000

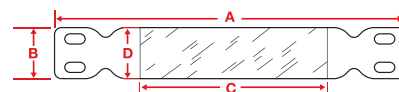
Laminat™ Carriers and Tags

When you are looking for cable markers with extreme durability, the Laminat range is the solution.

The Laminat consist of two parts:

Laminat™ Carriers (B-7644)

Laminat™ Tags (B-7645)



B-7644 Laminat™ Carriers

Laminat™ carriers for cable identification with strip to laminate text label. The carrier is fixed directly on a cable or wire with two cable ties. Zero Halogen - Polypropylene carrier with clear polyester adhesive.

The Laminat™ Carriers can be used for any type of cable identification where permanency of the legend is crucial.

Follow these steps to mount the label onto the Laminat™ carrier:



1) Pull the protective foil backwards



2) Place the label in the middle leaving space for sealing on all four sides of the label.



3) Seal the carrier by placing a finger on the foil and pushing forward, thus rolling over the foil and rolling off the silicon liner.



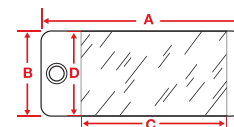
4) Always feed the cable ties from the top, thus bending down the Laminat™ carrier along the cable.

B-7644 Laminat™ Carriers

Order Reference	Markers Per Box	Material	Colour	Dimensions A (mm)	B (mm)	Seal-Up Area C (mm)	D (mm)	Labels /Tapes Recommended
LC-65x13-B7644	100	Polypropylene	Yellow	65.00	13.00	45.00	9.00	THTL-5-430/6 mm tape
LC-71x9-B7644	100	Polypropylene	Yellow	71.00	9.00	45.00	9.00	THTL-5-430/6 mm tape
LC-103x15-B7644	100	Polypropylene	Yellow	103.00	15.00	55.00	15.00	THTL-6-430/6 mm tape
LC-128x15-B7644	100	Polypropylene	Yellow	128.00	15.00	80.00	15.00	THTL-1-430/9 mm tape
LC-178x15-B7644	50	Polypropylene	Yellow	178.00	15.00	130.00	15.00	THTL-2-430/9 mm tape

B-7645 Laminat™ Tags

The Laminat™ Tags (Manilla tags) are ideal for identification of material in tough environments including valves, instruments, motors and other industrial components.



Order Reference	Markers Per Box	Material	Colour	Dimensions A (mm)	B (mm)	Seal-Up Area C (mm)	D (mm)	Labels /Tapes Recommended
LT-59x25-B7645	50		Yellow	59.00	25.00	43.00	25.00	THTL-4-430/9,12,19 mm tape
LT-59x25-B7645-WR	50	Reinforced with Rivet	Yellow	59.00	25.00	43.00	25.00	THTL-4-430/9,12,19 mm tape
LT-150x25-B7645	50		Yellow	150.00	25.00	135.00	25.00	THTL-3-430/9,12,19 mm tape
LT-150x25-B7645-WR	50	Reinforced with Rivet	Yellow	150.00	25.00	135.00	25.00	THTL-3-430/9,12,19 mm tape

Cable Markers

Continuous Heatex™ Sleeves

Continuous Heatshrink sleeves from Brady are ideal for the marking of wires, cables, tubes and equipment that offers a superb combination of clarity and durability. They are an extremely popular identification solution in electrical markets, particularly amongst panel builders.

The flame-retardant properties of the materials offer minimal smoke emission.



B-7641 Zero Halogen Polyolefin Heatex™ Sleeve 2:1 Shrink Ratio – Single-sided Printable **B-7642 Flame-retardant Polyolefin Heatex™ 2:1 Ration – Single-sided Printable**

Order Reference	Qty. per Roll	Colour	Height (mm)	Length (m)	Max wire dia (mm)	Min wire dia (mm)	Recommended Ribbon Series
CTZHS-11.15x20M-B7641-WT	1	White	11.15	20	6.53		R-6000
CTZHS-11.15x20M-B7641-YL	1	Yellow	11.15	20	6.53		R-6000
CTZHS-16.4x20M-B7641-WT	1	White	16.40	20	9.87		R-6000
CTZHS-16.4x20M-B7641-YL	1	Yellow	16.40	20	9.87		R-6000
CTZHS-21.6x20M-B7641-WT	1	White	21.60	20	13.18		R-6000
CTZHS-21.6x20M-B7641-YL	1	Yellow	21.60	20	13.18		R-6000
CTZHS-4.6x20M-B7641-WT	1	White	4.60	20	2.36		R-6000
CTZHS-4.6x20M-B7641-YL	1	Yellow	4.60	20	2.36		R-6000
CTZHS-6x20M-B7641-WT	1	White	6.00	20	3.25		R-6000
CTZHS-6x20M-B7641-YL	1	Yellow	6.00	20	3.25		R-6000
CTZHS-8.5x20M-B7641-WT	1	White	8.50	20	4.84		R-6000
CTZHS-8.5x20M-B7641-YL	1	Yellow	8.50	20	4.84		R-6000
CTHS-11.15x20M-B7642-WT	1	White	11.15	20	6.53		R-4300
CTHS-11.15x20M-B7642-YL	1	Yellow	11.15	20	6.53		R-4300
CTHS-16.4x20M-B7642-WT	1	White	16.40	20	9.87		R-4300
CTHS-16.4x20M-B7642-YL	1	Yellow	16.40	20	9.87		R-4300
CTHS-21.6x20M-B7642-WT	1	White	21.60	20	13.18		R-4300
CTHS-21.6x20M-B7642-YL	1	Yellow	21.60	20	13.18		R-4300
CTHS-4.6x20M-B7642-WT	1	White	4.60	20	2.36		R-4300
CTHS-4.6x20M-B7642-YL	1	Yellow	4.60	20	2.36		R-4300
CTHS-6x20M-B7642-WT	1	White	6.00	20	3.25		R-4300
CTHS-6x20M-B7642-YL	1	Yellow	6.00	20	3.25		R-4300
CTHS-8.5x20M-B7642-WT	1	White	8.50	20	4.84		R-4300
CTHS-8.5x20M-B7642-YL	1	Yellow	8.50	20	4.84		R-4300
2:1TPFR-12.7MMX60M-B7642-WT	1	White	21.00	60	12.70	6.40	R-4300
2:1TPFR-12.7MMX60M-B7642-YL	1	Yellow	21.00	60	12.70	6.35	R-4300
2:1TPFR-19MMX60M-B7642-WT	1	White	32.00	60	19.00	9.50	R-4300
2:1TPFR-19MMX60M-B7642-YL	1	Yellow	32.00	60	19.00	9.50	R-4300
2:1TPFR-25.4MMX60M-B7642-WT	1	White	41.00	60	25.40	12.70	R-4300
2:1TPFR-25.4MMX60M-B7642-YL	1	Yellow	41.00	60	25.40	12.70	R-4300
2:1TPFR-3.2MMX100M-B7642-WT	1	White	6.00	100	3.20	1.60	R-4300
2:1TPFR-3.2MMX100M-B7642-YL	1	Yellow	6.00	100	3.20	1.60	R-4300
2:1TPFR-38.1MMX60M-B7642-WT	1	White	64.00	60	38.10	19.05	R-4300
2:1TPFR-38.1MMX60M-B7642-YL	1	Yellow	64.00	60	38.10	19.05	R-4300
2:1TPFR-4.8MMX100M-B7642-WT	1	White	8.90	100	4.80	2.40	R-4300
2:1TPFR-4.8MMX100M-B7642-YL	1	Yellow	8.90	100	4.80	2.40	R-4300
2:1TPFR-6.4MMX100M-B7642-WT	1	White	11.00	100	6.40	3.20	R-4300
2:1TPFR-6.4MMX100M-B7642-YL	1	Yellow	11.00	100	6.40	3.20	R-4300
2:1TPFR-9.5MMX60M-B7642-WT	1	White	15.50	60	9.50	4.75	R-4300
2:1TPFR-9.5MMX60M-B7642-YL	1	Yellow	15.50	60	9.50	4.75	R-4300
2:1ZHTPFR-12.7MMX50M-B7641-WT	1	White	21.00	50	12.70	6.35	R-6000
2:1ZHTPFR-12.7MMX50M-B7641-YL	1	Yellow	21.00	50	12.70	6.35	R-6000
2:1ZHTPFR-19MMX50M-B7641-WT	1	White	32.00	50	19.00	9.50	R-6000
2:1ZHTPFR-19MMX50M-B7641-YL	1	Yellow	32.00	50	19.00	9.50	R-6000
2:1ZHTPFR-2.4MMX50M-B7641-WT	1	White	3.77	50	2.40	1.20	R-6000
2:1ZHTPFR-2.4MMX50M-B7641-YL	1	Yellow	3.77	50	2.40	1.20	R-6000
2:1ZHTPFR-25.4MMX30M-B7641-WT	1	White	41.00	30	25.40	12.70	R-6000
2:1ZHTPFR-25.4MMX30M-B7641-YL	1	Yellow	41.00	30	25.40	12.70	R-6000
2:1ZHTPFR-3.2MMX100M-B7641-WT	1	White	6.00	100	3.20	1.60	R-6000
2:1ZHTPFR-3.2MMX100M-B7641-YL	1	Yellow	6.00	100	3.20	1.60	R-6000
2:1ZHTPFR-38.1MMX50M-B7641-WT	1	White	64.00	50	38.10	19.05	R-6000
2:1ZHTPFR-38.1MMX50M-B7641-YL	1	Yellow	64.00	50	38.10	19.05	R-6000
2:1ZHTPFR-4.8MMX100M-B7641-WT	1	White	8.90	100	4.80	2.40	R-6000
2:1ZHTPFR-4.8MMX100M-B7641-YL	1	Yellow	8.90	100	4.80	2.40	R-6000
2:1ZHTPFR-50.8MMX50M-B7641-WT	1	White	82.00	50	50.80	25.40	R-6000
2:1ZHTPFR-50.8MMX50M-B7641-YL	1	Yellow	82.00	50	50.80	25.40	R-6000
2:1ZHTPFR-6.4MMX100M-B7641-WT	1	White	11.00	100	6.40	3.20	R-6000
2:1ZHTPFR-6.4MMX100M-B7641-YL	1	Yellow	11.00	100	6.40	3.20	R-6000
2:1ZHTPFR-9.5MMX50M-B7641-WT	1	White	15.50	50	9.50	4.75	R-6000
2:1ZHTPFR-9.5MMX50M-B7641-YL	1	Yellow	15.50	50	9.50	4.75	R-6000

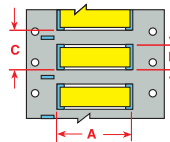
Diesel Resistant Sleeves

Diesel Resistant Sleeves

B-7646 is a yellow, 3:1 ratio, heat shrinkable sleeve, used to identify wire and cable in applications that have exposure to organic fluids and oils for lengthy periods and at high temperature. Diesel Resistant Sleeves are formulated for use in rail, aerospace and construction equipment.

B-7646 meets the following norms

- NF F 00-608 type A and H norm
- SAE AS-81531 (previously SAE-AMS-81531 (Mark Permanence))
- MIL-STD-202 method 215K (Solvent Resistance)



Order Reference	Pieces per Package	Material	Label Width (mm)	Label Height (m)	Min. Wire Diameter (mm)	Max. Wire Diameter (mm)	Recommended Ribbon Series
3:1DPS-3.2x50-B7646-YL	2 500	Polyolefin	50,00	3,2	1,20	3,20	R-6000
3:1DPS-3.2x50-B7646-YL-2S	5000	Polyolefin	50,00	3,20	1,20	3,20	R-6000
3:1DPS-3.2x50-B7646-YL-3S	7500	Polyolefin	50,00	3,20	1,20	3,20	R-6000
3:1DPS-3.2x50-B7646-YL-4S	1000	Polyolefin	50,00	3,20	1,20	3,20	R-6000
3:1DPS-4.8x50-B7646-YL	2 500	Polyolefin	50,00	5,5	1,50	5,50	R-6000
3:1DPS-4.8x50-B7646-YL-2S	5000	Polyolefin	50,00	4,80	1,50	4,80	R-6000
3:1DPS-4.8x50-B7646-YL-3S	7500	Polyolefin	50,00	4,80	1,50	4,80	R-6000
3:1DPS-4.8x50-B7646-YL-4S	1000	Polyolefin	50,00	4,80	1,50	4,80	R-6000
3:1DPS-6.4x50-B7646-YL	2 500	Polyolefin	50,00	6,4	1,80	6,40	R-6000
3:1DPS-6.4x50-B7646-YL-2S	5000	Polyolefin	50,00	6,40	1,80	6,40	R-6000
3:1DPS-6.4x50-B7646-YL-3S	7500	Polyolefin	50,00	6,40	1,80	6,40	R-6000
3:1DPS-6.4x50-B7646-YL-4S	1000	Polyolefin	50,00	6,40	1,80	6,40	R-6000
3:1DPS-9.5x50-B7646-YL	1 000	Polyolefin	50,00	9,5	3,00	9,50	R-6000
3:1DPS-9.5x50-B7646-YL-2S	2000	Polyolefin	50,00	9,50	3,00	9,50	R-6000
3:1DPS-9.5x50-B7646-YL-3S	3000	Polyolefin	50,00	9,50	3,00	9,50	R-6000
3:1DPS-9.5x50-B7646-YL-4S	4000	Polyolefin	50,00	9,50	3,00	9,50	R-6000
3:1DPS-12x50-B7646-YL	500	Polyolefin	50,00	12,70	3,80	12,70	R-6000
3:1DPS-12.7x50-B7646-YL-2S	1000	Polyolefin	50,00	12,70	3,80	12,70	R-6000
3:1DPS-12.7x50-B7646-YL-3S	1500	Polyolefin	50,00	12,70	3,80	12,70	R-6000
3:1DPS-12.7x50-B7646-YL-4S	2000	Polyolefin	50,00	12,70	3,80	12,70	R-6000

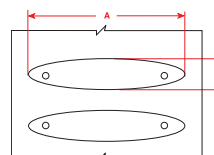
Product can be scored (e.g sleeve is slit into 2 different pieces) and ordered as a custom product.

Rapido™ Wiremarking Sleeves

B-7599 Yellow Coated Polyethylene Tag

Wiremarking has never been so easy with the Brady Rapido™ Wiremarking Sleeves. Simply print apply to the wire and peel of marker off the roll.

It's physical properties make this marker suitable for any durable pre-terminated wire applications for electrical devices and fibre installations.



Order Reference	Qty per Roll	Labels Per Row	Label Size Width A (mm)	Label Size Height B (mm)	IP™ Enabled/Compatible
THT-01-7599-YL	2500	1	22.90	5.20	
THT-02-7599-YL	2500	1	23.00	5.20	
THT-03-7599-YL	2500	1	25.00	5.70	
THT-04-7599-YL	1500	1	26.00	7.00	
THT-05-7599-YL	1500	1	41.00	11.00	IPE

EPREP Markers by Size

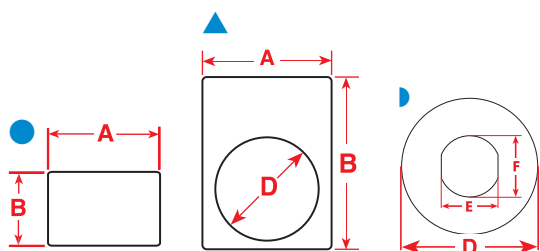


Diagram	Order Reference	Pieces Per Package	Material	Colour	Labels Per Row	Label Width (mm) A	Label Height (mm) B	Diameter (mm) D	Recommended Ribbon Series	Format	IP™ Enabled/Compatible
8.00 mm Label Width											
●	THTEP-20-7593-WT	2 800	Polyester	White	7	8.00	125.00	—	R-6000	F	—
27.00 mm Label Width											
●	THTEP-01-7593-WT	2 500	Polyester	White	1	27.00	8.00	—	R-6006	R	IPE
●	THTEP-01-7593-SV	2 500	Polyester	Silver	1	27.00	8.00	—	R-6000	R	IPC
●	THTEP-01-7593-BK	2 500	Polyester	Black	1	27.00	8.00	—	R-6000	R	IPE
●	THTEP-02-7593-WT	2 000	Polyester	White	1	27.00	12.50	—	R-6000	R	IPE
●	THTEP-02-7593-SV	2 000	Polyester	Silver	1	27.00	12.50	—	R-6000	R	IPC
●	THTEP-02-7593-BK	2 000	Polyester	Black	1	27.00	12.50	—	R-6000	R	IPE
●	THTEP-03-7593-WT	1 500	Polyester	White	1	27.00	15.00	—	R-6000	R	IPE
●	THTEP-03-7593-SV	1 500	Polyester	Silver	1	27.00	15.00	—	R-6000	R	IPC
●	THTEP-03-7593-BK	1 500	Polyester	Black	1	27.00	15.00	—	R-6000	R	IPE
●	THTEP-04-7593-WT	1 500	Polyester	White	1	27.00	18.00	—	R-6000	R	IPE
●	THTEP-04-7593-SV	1 500	Polyester	Silver	1	27.00	18.00	—	R-6000	R	IPC
●	THTEP-04-7593-BK	1 500	Polyester	Black	1	27.00	18.00	—	R-6000	R	IPE
30.00 mm Label Width											
▲	THTEP-05-7593-WT	750	Polyester	White	1	30.00	40.00	24.00	R-6000	R	IPE
▲	THTEP-05-7593-SV	750	Polyester	Silver	1	30.00	40.00	24.00	R-6000	R	IPC
▲	THTEP-05-7593-RD	750	Polyester	Red	1	30.00	40.00	24.00	R-6000	R	IPE
▲	THTEP-05-7593-GN	750	Polyester	Green	1	30.00	40.00	24.00	R-6000	R	IPE
▲	THTEP-05-7593-BK	750	Polyester	Black	1	30.00	40.00	24.00	R-6000	R	IPE
35.00 mm Label Width											
●	THTEP-07-7593-WT	1 250	Polyester	White	1	35.00	18.00	—	R-6000	R	IPE
●	THTEP-07-7593-SV	1 250	Polyester	Silver	1	35.00	18.00	—	R-6000	R	—
●	THTEP-07-7593-BK	1 250	Polyester	Black	1	35.00	18.00	—	R-6000	R	IPE
●	THTEP-07-7593-YL	1 250	Polyester	Yellow	1	35.00	18.00	—	R-6000	R	IPE
45.00 mm Label Width											
●	THTEP-06-7593-WT	1 500	Polyester	White	1	45.00	15.00	—	R-6000	R	IPE
●	THTEP-06-7593-SV	1 500	Polyester	Silver	1	45.00	15.00	—	R-6000	R	IPC
●	THTEP-06-7593-BK	1 500	Polyester	Black	1	45.00	15.00	—	R-6000	R	IPE
48.00 mm Label Width											
●	THTEP-08-7593-WT	1 250	Polyester	White	1	48.00	19.00	—	R-6000	R	IPE
●	THTEP-08-7593-SV	1 250	Polyester	Silver	1	48.00	19.00	—	R-6000	R	—
●	THTEP-08-7593-BK	1 250	Polyester	Black	1	48.00	19.00	—	R-6000	R	IPE
●	THTEP-08-7593-YL	1 250	Polyester	Yellow	1	48.00	19.00	—	R-6000	R	IPE
60.00 mm Label Width											
●	THTEP-15-7593-WT	750	Polyester	White	1	60.00	30.00	—	R-6000	R	IPE
●	THTEP-15-7593-SV	750	Polyester	Silver	1	60.00	30.00	—	R-6000	R	—
●	THTEP-15-7593-BK	750	Polyester	Black	1	60.00	30.00	—	R-6000	R	IPE
●	THTEP-15-7593-YL	750	Polyester	Yellow	1	60.00	30.00	—	R-6000	R	IPE
▶	THTEP-19-7593-RD	100	Polyester	Red	1	—	—	D 60.00 – E 25.00 – F 27.00	R-6000	F	—
▶	THTEP-19-7593-YL	100	Polyester	Yellow	1	—	—	D 60.00 – E 25.00 – F 27.00	R-6000	F	—
●	THTEP-18-7593-SV	200	Polyester	Silver	1	60.00	400.00	—	R-6000	F	—
●	THTEP-18-7593-WT	200	Polyester	White	1	60.00	400.00	—	R-6000	F	—
69.00 mm Label Width											
●	THTEP-09-7593-WT	1 200	Polyester	White	1	69.00	19.00	—	R-6000	R	IPE
●	THTEP-09-7593-SV	1 200	Polyester	Silver	1	69.00	19.00	—	R-6000	R	—
●	THTEP-09-7593-BK	1 200	Polyester	Black	1	69.00	19.00	—	R-6000	R	IPE
●	THTEP-09-7593-YL	1 200	Polyester	Yellow	1	69.00	19.00	—	R-6000	R	IPE
●	THTEP-17-7593-SV	400	Polyester	Silver	1	69.00	150.00	—	R-6000	F	—
●	THTEP-17-7593-WT	400	Polyester	White	1	69.00	150.00	—	R-6000	F	—

THERMAL TRANSFER LABELS

EPREP Markers by Size

EPREP Markers by Size (Continued)

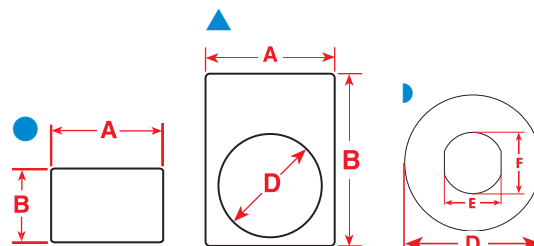


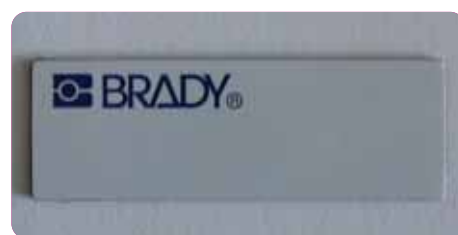
Diagram	Order Reference	Pieces Per Package	Material	Colour	Labels Per Row	Label Width (mm) A	Label Height (mm) B	Diameter (mm) D	Recommended Ribbon Series	Format	IP™ Enabled/Compatible
75.00 mm Label Width											
●	THTEP-21-7593-WT	500	Polyester	White	1	75.00	25.00	—	R-6000	R	IPE
●	THTEP-21-7593-YL	500	Polyester	Yellow	1	75.00	25.00	—	R-6000	R	IPE
90.00 mm Label Width											
●	THTEP-16-7593-BK	500	Polyester	Black	1	90.00	45.00	—	R-6000	R	IPE
●	THTEP-16-7593-SV	500	Polyester	Silver	1	90.00	45.00	—	R-6000	R	—
●	THTEP-16-7593-WT	500	Polyester	White	1	90.00	45.00	—	R-6000	R	IPE
●	THTEP-16-7593-YL	500	Polyester	Yellow	1	90.00	45.00	—	R-6000	R	IPE
100.00 mm Label Width											
●	THTEP-22-7593-YL	500	Polyester	Yellow	1	100	25	—	R-6000	R	IPE
●	THTEP-22-7593-WT	500	Polyester	White	1	100	25	—	R-6000	R	IPE
●	THTEP-11-7593-WT	500	Polyester	White	1	100.00	30.00	—	R-6000	R	IPE
●	THTEP-11-7593-SV	500	Polyester	Silver	1	100.00	30.00	—	R-6000	R	—
●	THTEP-11-7593-BK	500	Polyester	Black	1	100.00	30.00	—	R-6000	R	IPE
●	THTEP-11-7593-YL	500	Polyester	Yellow	1	100.00	30.00	—	R-6000	R	IPE
●	THTEP-12-7593-WT	500	Polyester	White	1	100.00	50.00	—	R-6000	R	IPE
●	THTEP-12-7593-SV	500	Polyester	Silver	1	100.00	50.00	—	R-6000	R	—
●	THTEP-12-7593-BK	500	Polyester	Black	1	100.00	50.00	—	R-6000	R	IPE
●	THTEP-12-7593-YL	500	Polyester	Yellow	1	100.00	50.00	—	R-6000	R	IPE

Custom Options on EPREP markers

EPREP labels can be pre-printed with your company logo on all standard EPREP labels except the Red coloured parts.

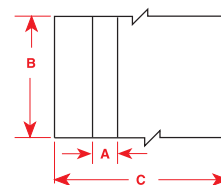
EPREP labels can now be produced in additional colours other than those shown (e.g Blue)

Only black ribbons are recommended for use on coloured backgrounds. We therefore do not recommend printing on dark backgrounds/



Data Communication Identification

Terminal Block Markers

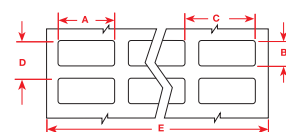


B-498 White Vinyl Cloth

Order Reference	Pieces per Pack	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-92-498-2	1	1	9.53	50.80	—	—	25.40	R-7961	IPE
THT-93-498-2	1	1	8.08	50.80	—	—	25.40	R-7961	IPE
THT-94-498-2	1	1	6.10	50.80	—	—	25.40	R-7961	IPE

Workstation Labels

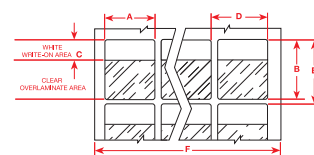
B-422 White Polyester, B-430 Clear Polyester



Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-5-422-10	10 000	Polyester	White	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-39-430-10	10 000	Polyester	Clear	3	25.40	12.70	27.31	15.88	85.09	R-6000	IPE
THT-147-422-10	10 000	Polyester	White	2	38.10	9.53	41.91	12.06	85.09	R-6000	IPE

Communications Cabling

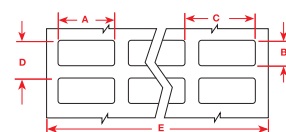
B-427 White, Transparent Self-laminating Vinyl



Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Write-On Height (mm) C	Horizontal Repeat (mm) D	Vertical Repeat (mm) E	Web Width (mm) F	Recommended Ribbon Series	Max. Wire Diam.	IP™ Enabled/Compatible
THT-9-427-10	10 000	Vinyl	White/Transparent	3	25.40	36.50	12.70	27.30	41.28	85.09	R-4300	7	IPE
THT-10-427-3	3 000	Vinyl	White/Transparent	3	25.40	95.25	25.40	27.30	101.60	85.09	R-4300	22	IPE
THT-56-427-10	10 000	Vinyl	White/Transparent	4	19.05	23.81	9.52	20.32	28.58	85.09	R-4300	4	IPE
THT-75-427-3	3 000	Vinyl	White/Transparent	2	25.40	57.15	19.05	27.94	60.33	58.42	R-4300	12	IPE

General Communications Identification

B-422 White Polyester, B-430 Clear Polyester



Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-17-422-3	3 000	Polyester	White	1	50.80	25.40	—	28.58	55.88	R-7942	IPE
THT-17-430-3	3 000	Polyester	Clear	1	50.80	25.40	—	28.58	55.88	R-7942	IPE
THT-18-422-3	3 000	Polyester	White	1	76.20	25.40	—	28.58	81.28	R-6000	IPE
THT-18-430-3	3 000	Polyester	Clear	1	76.20	25.40	—	28.58	81.28	R-6000	IPE
THT-19-422-1	1 000	Polyester	White	1	76.20	50.80	—	53.98	81.28	R-6000	IPE
THT-19-430-1	1 000	Polyester	White	1	76.20	50.80	—	53.98	81.28	R-6000	IPE

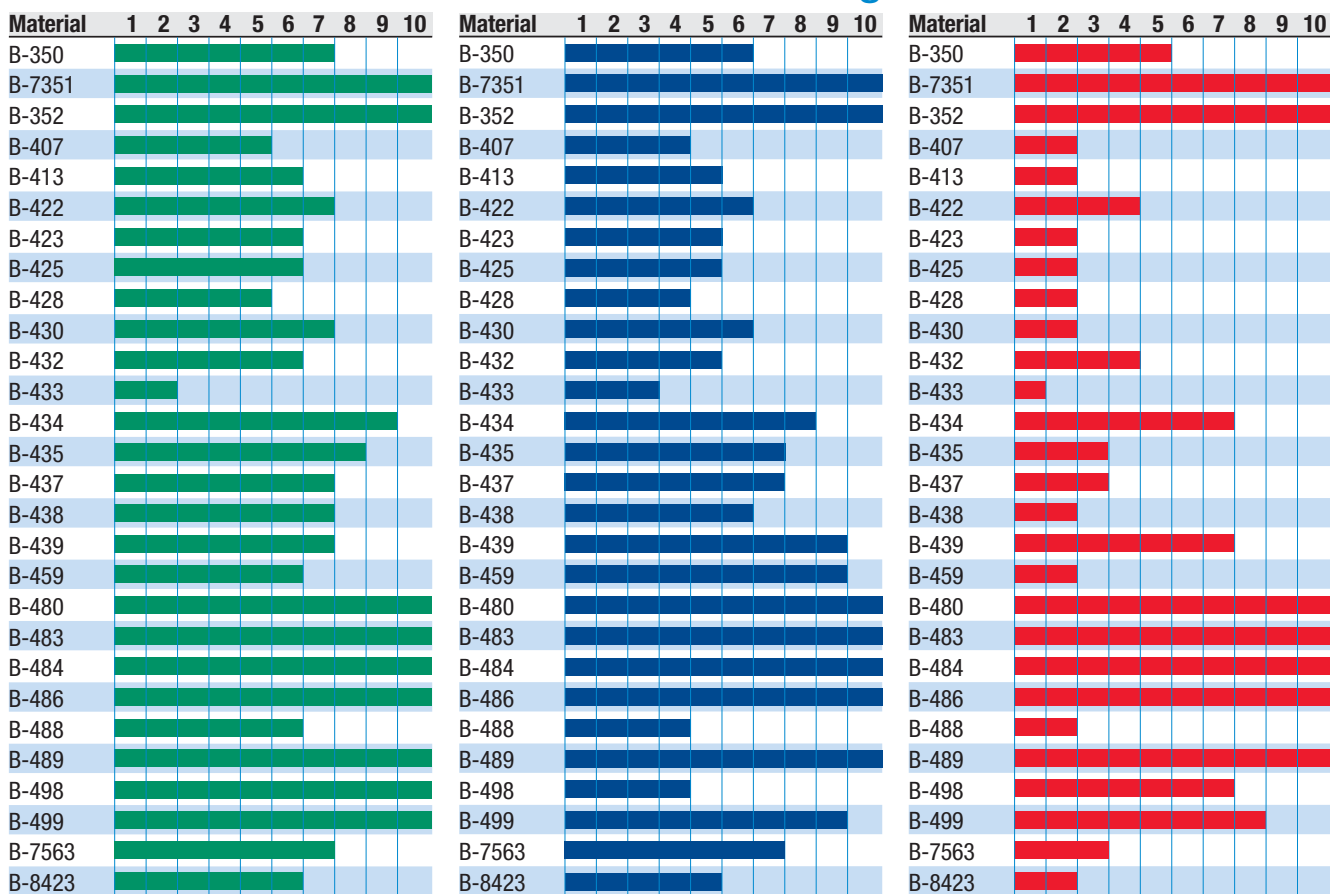
Industrial Thermal Transfer Materials

Material to Surface Cross-Reference Guide

Material	Smooth - Typical surface energy levels for this category are above 50 Dynes/cm	Textured/Rough – Typical Surface Energy levels for this category are between 38 Dynes/cm and 50 Dynes cm	Highly textured/Low surface energy – Typical surface energy levels for low surface energy products are below 38 Dynes/cm
BradyBondz™			
White B-423, B-425, B-433, B-459, B-488, B-7546, B-8423 Metallised B-413, B-428, B-438, B-7563, B-7576 Clear B-407, B-430, B-7566 Super BradyBondz™	YES Stainless Steel Copper Aluminium Smooth Plastic Tin Glass Smooth Material	NO	NO
White B-350, B-7351, B-422, B-437, B-439, B-498 Metallised B-352, B-434, B-435 Clear B-432 Ultra BradyBondz™	YES Stainless Steel Copper Aluminium Smooth Plastic Tin Glass Smooth Material	YES Cast Metal Nylon Alkyd Enamel Polyester Epoxy Paint Polyurethane ABS Polycarbonate PVC Acrylic	NO
White B-483, B-484, B-489, B-499 Metallised B-480, B-486	YES Stainless Steel Copper Aluminium Smooth Plastic Tin Glass Smooth Material	YES Cast Metal Nylon Alkyd Enamel Polyester Epoxy Paint Polyurethane ABS Polycarbonate PVC Acrylic	YES Polystyrene Acetal Polyethylene Highly Textured Polypropylene Teflon Powder Coatings ABS

1 = Lowest Adhesive Bond

10 = Highest Adhesive Bond



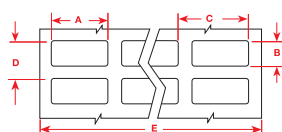
These charts are based on relative adhesion after 24 hour dwell within each given surface energy category. Adhesion is the attraction between unlike materials. The strength of the adhesion is determined by the surface energy of the item being identified. The higher the surface energy, the greater the likelihood for the label to adhere. A lower surface energy product will be more difficult for a label to adhere.

For additional technical information on any Brady material, please visit the Brady website at www.bradyeurope.com.

General and Industrial Identification

Rating plate & Asset Identification

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



B-430 Clear Polyester B-432 Rough Surface Clear Polyester

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-17-430-3	3 000	Polyester	Clear	1	50.80	25.40	—	28.58	55.88	R-6000	IPE
THT-18-430-3	3 000	Polyester	Clear	1	76.20	25.40	—	28.58	81.28	R-6000	IPE
THT-19-430-1	1 000	Polyester	Clear	1	76.20	50.80	—	53.98	81.28	R-6000	IPE
THT-19-432-1	1 000	Polyester	Clear	1	76.20	50.80	—	53.98	81.28	R-6000	IPE

B-449 Removable White Polyolefin

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-5-449-10	10 000	Removable Polypropylene	White	3	25.40	12.70	27.31	15.24	85.09	R-7961	IPE
THT-13-449-10	10 000	Removable Polypropylene	White	2	31.75	6.35	33.02	9.53	69.85	R-7961	IPE
THT-17-449-3	3 000	Removable Polypropylene	White	1	50.80	25.40	—	28.58	55.88	R-7961	IPE
THT-18-449-3	3 000	Removable Polypropylene	White	1	76.20	25.40	—	28.58	81.28	R-7961	IPE
THT-19-449-1	1 000	Removable Polypropylene	White	1	76.20	50.80	—	53.98	81.28	R-7961	IPE
THT-55-449-1	1 000	Removable Polypropylene	White	1	101.60	50.80	—	53.98	106.68	R-7961	IPE
THT-76-449-1	1 000	Removable Polypropylene	White	1	101.60	76.20	—	79.37	106.68	R-7961	IPE

B-428 Permanent Metallised Polyester B-434 & B-486 Rough Surface Metallised Polyester B-435 Glossy Metallised Polyester B-438 Tamper-evident Metallised Polyester B-413 Metallic, Non Metallised Polyester B-480 Rough surface Metallic, Non Metal Labels

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



Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-1-413-10	10 000	Polyester	Silver	4	19.05	6.35	20.32	8.89	85.09	IP-R-6000	IPE
THT-1-480-10	10 000	Polyester	Silver	4	19.05	6.35	20.32	8.89	85.09	IP-R-6000	IPE
THT-3-413-10	10 000	Polyester	Silver	3	25.40	9.53	27.31	12.07	85.09	IP-R-6000	IPE
THT-3-480-10	10 000	Polyester	Silver	3	25.40	9.53	27.31	12.07	85.09	IP-R-6000	IPE
THT-5-413-10	10 000	Polyester	Silver	3	25.40	12.70	27.31	15.24	85.09	IP-R-6000	IPE
THT-5-434-10	10 000	Metallised Polyester	Silver	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPC
THT-5-428-10	10 000	Metallised Polyester	Silver	3	25.40	12.70	27.31	15.24	85.09	R-4300	IPC
THT-5-438-10	10 000	Metallised Polyester	Silver	3	25.40	12.70	27.31	15.24	85.09	R-4300	IPC
THT-5-480-10	10 000	Polyester	Silver	3	25.40	12.70	27.31	15.24	85.09	IP-R-6000	IPE
THT-5-486-10	10 000	Metallised Polyester	Silver	3	25.40	12.70	27.31	15.24	85.09	R-4300	IPC
THT-6-413-10	10 000	Polyester	Silver	2	38.10	19.05	41.91	15.24	85.09	IP-R-6000	IPE
THT-6-428-10	10 000	Metallised Polyester	Silver	2	38.10	19.05	41.91	22.23	85.09	R-4300	IPC
THT-6-434-10	10 000	Metallised Polyester	Silver	2	38.10	19.05	41.91	22.23	85.09	R-6000	IPC
THT-6-480-10	10 000	Polyester	Silver	2	38.10	19.05	41.91	15.24	85.09	IP-R-6000	IPE
THT-6-486-10	10 000	Metallised Polyester	Silver	2	38.10	19.05	41.91	22.23	85.09	R-4300	IPC
THT-7-413-3	3 000	Polyester	Silver	1	95.25	31.75	34.93	74.93	74.93	IP-R-6000	IPE
THT-7-428-3	3 000	Metallised Polyester	Silver	1	69.85	31.75	34.93	74.93	74.93	R-4300	IPC
THT-7-480-3	3 000	Polyester	Silver	1	95.25	31.75	34.93	74.93	74.93	IP-R-6000	IPE
THT-7-486-3	3 000	Metallised Polyester	Silver	1	69.85	31.75	34.93	74.93	74.93	R-4300	IPC
THT-17-413-3	3 000	Polyester	Silver	1	50.80	25.40	28.58	55.88	55.88	IP-R-6000	IPE
THT-17-428-3	3 000	Metallised Polyester	Silver	1	50.80	25.40	28.58	55.88	55.88	R-4300	IPC
THT-17-434-3	3 000	Metallised Polyester	Silver	1	50.80	25.40	28.58	55.88	55.88	R-6000	IPC
THT-17-438-3	3 000	Metallised Polyester	Silver	1	50.80	25.40	28.58	55.88	55.88	R-4300	IPC
THT-17-480-3	3 000	Polyester	Silver	1	50.80	25.40	28.58	55.88	55.88	IP-R-6000	IPE
THT-17-486-3	3 000	Metallised Polyester	Silver	1	50.80	25.40	28.58	55.88	55.88	R-4300	IPC
THT-18-413-3	3 000	Polyester	Silver	1	76.20	25.40	28.58	81.28	81.28	IP-R-6000	IPE
THT-18-428-3	3 000	Metallised Polyester	Silver	1	76.20	25.40	28.58	81.28	81.28	R-4300	IPC
THT-18-434-3	3 000	Metallised Polyester	Silver	1	76.20	25.40	28.58	81.28	81.28	R-6000	IPC
THT-18-435-3	3 000	Metallised Polyester	Silver	1	76.20	25.40	28.58	81.28	81.28	R-6000	IPC
THT-18-480-3	3 000	Polyester	Silver	1	76.20	25.40	28.58	81.28	81.28	IP-R-6000	IPE
THT-18-486-3	3 000	Metallised Polyester	Silver	1	76.20	25.40	28.58	81.28	81.28	R-4300	IPC

General and Industrial Identification

Rating Plates & Asset Identification (Continued)

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-19-413-1	1 000	Polyester	Silver	1	76.20	50.80		53.98	81.28	IP-R-6000	IPE
THT-19-428-1	1 000	Metallised Polyester	Silver	1	76.20	50.80		53.98	81.28	R-4300	IPC
THT-19-434-1	1 000	Metallised Polyester	Silver	1	76.20	50.80		53.98	81.28	R-6000	IPC
THT-19-435-1	1 000	Metallised Polyester	Silver	1	76.20	50.80		53.98	81.28	R-6000	IPC
THT-19-480-1	1 000	Polyester	Silver	1	76.20	50.80		53.98	81.28	IP-R-6000	IPE
THT-19-486-1	1 000	Metallised Polyester	Silver	1	76.20	50.80		53.98	81.28	R-4300	IPC
THT-37-413-10	10 000	Polyester	Silver	2	38.10	12.70	41.91	12.06	85.09	IP-R-6000	IPE
THT-37-428-10	10 000	Metallised Polyester	Silver	2	38.10	12.70	41.91	15.24	85.09	R-4300	IPC
THT-37-434-10	10 000	Metallised Polyester	Silver	2	38.10	12.70	41.91	15.24	85.09	R-6000	IPC
THT-37-480-10	10 000	Polyester	Silver	2	38.10	12.70	41.91	12.06	85.09	IP-R-6000	IPE
THT-37-486-10	10 000	Metallised Polyester	Silver	2	38.10	12.70	41.91	15.24	85.09	R-4300	IPC
THT-53-413-3	3 000	Polyester	Silver	1	50.80	12.70		15.24	55.84	IP-R-6000	IPE
THT-53-428-3	3 000	Metallised Polyester	Silver	1	50.80	12.70		15.24	55.88	R-4300	IPC
THT-53-480-3	3 000	Polyester	Silver	1	50.80	12.70		15.24	55.84	IP-R-6000	IPE
THT-53-486-3	3 000	Metallised Polyester	Silver	1	50.80	12.70		15.24	55.88	R-4300	IPC
THT-55-413-1	1 000	Polyester	Silver	1	101.60	50.80		53.98	106.68	IP-R-6000	IPE
THT-55-428-1	1 000	Metallised Polyester	Silver	1	101.60	50.80		53.98	106.68	R-4300	IPC
THT-55-434-1	1 000	Metallised Polyester	Silver	1	101.60	50.80		53.98	106.68	R-6000	IPC
THT-55-435-1	1 000	Metallised Polyester	Silver	1	101.60	50.80		53.98	106.68	R-6000	IPC
THT-55-480-1	1 000	Polyester	Silver	1	101.60	50.80		53.98	106.68	IP-R-6000	IPE
THT-59-486-10	10 000	Metallised Polyester	Silver	1	25.40	12.70		15.24	30.48	R-4300	IPC

B-8423 material is ideal for numerous applications such as rating plates for electronic equipment.



B-422, B-423, B-483, B-484, B-488, B-489 & B-8423
Permanent White Polyester
B-425 Permanent White Polypropylene
B-433 Removable White Polyester

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-5-422-10	10 000	Polyester	White	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-423-10	10 000	Polyester	White	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-425-10	10 000	Polypropylene	White	3	25.40	12.70	27.31	15.24	85.09	R-6400	IPE
THT-5-433-10	10 000	Polyester	White	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-459-10	10 000	Polyester	White	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-483-10	10 000	Polyester	White	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-484-10	10 000	Polyester	White	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPE
THT-5-489-10	10 000	Polyester	White	3	25.40	12.70	27.31	15.24	85.09	R-4300	IPE
THT-6-423-10	10 000	Polyester	White	2	38.10	19.05	41.91	22.23	85.09	R-6000	IPE
THT-7-422-3	3 000	Polyester	White	1	69.85	31.75		34.93	74.93	R-6000	IPE
THT-7-423-3	3 000	Polyester	White	1	69.85	31.75		34.93	74.93	R-6000	IPE
THT-7-425-3	3 000	Polypropylene	White	1	69.85	31.75		34.93	74.93	R-6400	IPE
THT-7-483-3	3 000	Polyester	White	1	69.85	31.75		34.93	74.93	R-6000	IPE
THT-7-489-3	3 000	Polyester	White	1	69.85	31.75		34.93	74.93	R-4300	IPE
THT-17-422-3	3 000	Polyester	White	1	50.80	25.40		28.58	55.88	R-6000	IPE
THT-17-423-3	3 000	Polyester	White	1	50.80	25.40		28.58	55.88	R-6000	IPE
THT-17-425-3	3 000	Polypropylene	White	1	50.80	25.40		28.58	55.88	R-6400	IPE
THT-17-438	3 000	Metallised Polyester	Silver	1	50.80	25.40		28.58	55.88	R-4300	IPE
THT-17-483-3	3 000	Polyester	White	1	50.80	25.40		28.58	55.88	R-6000	IPE
THT-17-484-3	3 000	Polyester	White	1	50.80	25.40		28.58	55.88	R-6000	IPE
THT-17-489-3	3 000	Polyester	White	1	50.80	25.40		28.58	55.88	R-4300	IPE
XHT-17-8423-5	5 000	Polyester	White	1	50.80	25.40		28.58	55.88	R-6202	IPE
THT-18-422-3	3 000	Polyester	White	1	76.20	25.40		28.58	81.28	R-6000	IPE
THT-18-423-3	3 000	Polyester	White	1	76.20	25.40		28.58	81.28	R-6000	IPE
THT-18-425-3	3 000	Polypropylene	White	1	76.20	25.40		28.58	81.28	R-6400	IPE
THT-18-433-3	3 000	Polyester	White	1	76.20	25.40		28.58	81.28	R-6000	IPE
THT-18-483-3	3 000	Polyester	White	1	76.20	25.40		28.58	81.28	R-6000	IPE
THT-18-484-3	3 000	Polyester	White	1	76.20	25.40		53.98	81.28	R-6000	IPE
XHT-18-8423-5	5 000	Polyester	White	1	76.20	25.40		28.58	81.28	R-6202	IPE
THT-18-489-3	3 000	Polyester	White	1	76.20	25.40		28.58	81.28	R-4300	IPE

General and Industrial Identification

Rating Plates & Asset Identification (Continued)

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-19-422-1	1 000	Polyester	White	1	76.20	50.80		53.98	81.28	R-6000	IPE
THT-19-423-1	1 000	Polyester	White	1	76.20	50.80		53.98	81.28	R-6000	IPE
THT-19-425-1	1 000	Polypropylene	White	1	76.20	50.80		53.98	81.28	R-6400	IPE
THT-19-433-1	1 000	Polyester	White	1	76.20	50.80		53.98	81.28	R-6000	IPE
THT-19-459-1	1 000	Polyester	White	1	76.20	50.80		53.98	81.28	R-6000	IPE
THT-19-483-1	1 000	Polyester	White	1	76.20	50.80		53.98	81.28	R-6000	IPE
THT-19-484-1	1 000	Polyester	White	1	76.20	50.80		53.98	81.28	R-6000	IPE
THT-19-489-1	1 000	Polyester	White	1	76.20	50.80		53.98	81.28	R-4300	IPE
XHT-19-8423-3	3 000	Polyester	White	1	76.20	50.80		53.98	81.28	R-6202	IPE
THT-20-425-1	1 000	Polypropylene	White	1	76.20	127.00		130.18	81.28	R-6400	IPE
THT-31-423-10	10 000	Polyester	White	2	27.94	9.65	30.48	12.70	63.5	R-6000	IPE
THT-37-423-10	10 000	Polyester	White	2	38.10	12.70	41.91	15.24	85.09	R-6000	IPE
THT-37-483-10	10 000	Polyester	White	2	38.10	12.70	41.91	15.24	85.09	R-6000	IPE
THT-37-489-10	10 000	Polyester	White	2	38.10	12.70	41.91	15.24	85.09	R-4300	IPE
THT-53-423-3	3 000	Polyester	White	1	50.80	12.70		15.24	55.88	R-6000	IPE
THT-55-423-1	1 000	Polyester	White	1	101.60	50.80		53.98	106.68	R-6000	IPE
THT-55-425-1	1 000	Polypropylene	White	1	101.60	50.80		53.98	106.68	R-6400	IPE
THT-55-483-1	1 000	Polyester	White	1	101.60	50.80		53.98	106.68	R-6000	IPE
THT-55-484-1	1 000	Polyester	White	1	101.60	50.80		53.98	106.68	R-6000	IPE
THT-55-489-1	1 000	Polyester	White	1	101.60	50.80		53.98	106.68	R-4300	IPE
XHT-55-8423-3	3 000	Polyester	White	1	101.60	50.80		53.98	106.68	R-6207	IPE
THT-59-423-10	10 000	Polyester	White	1	25.40	12.70		15.24	30.48	R-6000	IPE
THT-59-483-10	10 000	Polyester	White	1	25.40	12.70		15.24	30.48	R-6000	IPE
THT-59-489-10	10 000	Polyester	White	1	25.40	12.70		15.24	30.48	R-4300	IPE
THT-76-422-1	1 000	Polyester	White	1	101.60	76.20		79.37	106.68	R-6000	IPE
THT-76-425-1	1 000	Polypropylene	White	1	101.60	76.20		79.37	106.68	R-6400	IPE
THT-76-483-1	1 000	Polyester	White	1	101.60	76.20		79.37	106.68	R-6000	IPE
THT-76-489-1	1 000	Polyester	White	1	101.60	76.20		79.37	106.68	R-4300	IPE
THT-102-422-10	10 000	Polyester	White	1	38.10	9.40		12.70	43.18	R-6000	IPE

Continuous Label Rolls

- B-423, B-483 & B-489 Permanent White Polyester**
- B-424 General Purpose White Polyester**
- B-428 Metallised Polyester**
- B-430 Translucent Polyester**
- B-434, B-486 Rough Surface Metallised Polyester**
- B-437 Flame-Retardent White or Yellow Tedlar™ Film**
- B-438 Tamper-Evident Metallised Polyester**
- B-413 Metallic, Non Metal Labels**
- B-480 Rough Surface, Metallic, Non Metal Labels**



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

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Length (m) B	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-21-423	1	Polyester	White	1	76.20	91.44	81.28	R-6000	IPE
THT-21-424	1	Paper	White	1	76.20	91.44	81.28	R-4300	IPE
THT-21-428	1	Metallised Polyester	Silver	1	76.20	91.44	81.28	R-4300	IPC
THT-21-430	1	Polyester	Clear	1	76.20	91.44	81.28	R-6000	IPE
THT-21-434	1	Metallised Polyester	Silver	1	76.20	91.44	81.28	R-6000	IPC
THT-21-437	1	Tedlar®	White	1	76.20	91.44	81.28	R-4300	IPE
THT-21-437-YL	1	Tedlar®	Yellow	1	76.20	91.44	81.28	R-4300	IPE
THT-21-438	1	Tamper-evident Metallised Polyester	Silver	1	76.20	91.44	81.28	R-4300	IPC
THT-21-483	1	Polyester	White	1	76.20	91.44	81.28	R-6000	IPE
THT-21-486	1	Metallised Polyester	Silver	1	76.20	91.44	81.28	R-4300	IPC
THT-21-489	1	Polyester	White	1	76.20	91.44	81.28	R-4300	IPE
THT-21-413	1	Polyester	Silver	1	76.20	91.44	85.09	IP-R-6000	IPE
THT-21-480	1	Polyester	Silver	1	76.20	91.44	85.09	IP-R-6000	IPE
THT-106-413	1	Polyester	Silver	1	50.80	91.44	55.88	IP-R-6000	IPE
THT-106-480	1	Polyester	Silver	1	50.80	91.44	55.88	IP-R-6000	IPE
THT-107-413	1	Polyester	Silver	1	101.60	91.44	106.68	IP-R-6000	IPE
THT-107-480	1	Polyester	Silver	1	101.60	91.44	106.68	IP-R-6000	IPE

Tedlar® is a registered trademark of DuPont.

General and Industrial Identification

PermaShield™ and PNP labels are ideal for applications where the print on a label is required to be protected by an overlamine.

Applications

- Asset Identification
- Name-, face and rating plates
- Plastic Container ID
- Trolley ID
- Car Parts ID
- Outdoor labelling (UV protection of printing)
- Rental Companies ID of all parts
- Tool Registration ID
- Library Books ID

Print & Protect



Print and Protect labels are extremely quick and easy to use. 100% accurate laminating of a transparent laminate on top of a thermal transfer printed base material and your fingers will never need to touch the adhesive again.

B-483 Permanent White Polyester with B-7552 Overlamine B-434 Permanent Metallised Polyester with B-7564 Overlamine

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Length (mm) B	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THTPNP-01-434/7564-2	2 000	Metallised Polyester	Silver/Clear	1	20.00	30.00	34.93	63.00	R-6000	—
THTPNP-01-483/7552-2	2 000	Polyester	White/Clear	1	20.00	30.00	34.93	63.00	R-6000	—
THTPNP-02-434/7564-1	1 000	Metallised Polyester	Silver/Clear	1	25.40	50.80	55.88	75.60	R-6000	—
THTPNP-02-483/7552-1	1 000	Polyester	White/Clear	1	25.40	50.80	55.88	75.60	R-6000	—
THTPNP-03-434/7564-1	1 000	Metallised Polyester	Silver/Clear	1	50.00	75.00	80.17	114.00	R-6000	—
THTPNP-03-483/7552-1	1 000	Polyester	White/Clear	1	50.00	75.00	80.17	114.00	R-6000	—

Sale of this product is prohibited in Germany

PermaShield™ Labels



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

B-423 White Polyester with B-966 Polyester Overlamine B-428 Metallised Polyester with B-966 Polyester Overlamine

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-22-423-2	2 000	Polyester with Overlamine	White	2	31.75	19.05	41.91	28.58	85.09	R-6000	IPE
THT-23-423-2	2 000	Polyester with Overlamine	White	1	50.80	25.40		34.93	62.23	R-6000	IPE
THT-24-423-1	1 000	Polyester with Overlamine	White	1	69.85	44.45		53.98	81.28	R-6000	IPE
THT-22-428-2	2 000	Metallised Polyester with Overlamine	Silver	2	31.75	19.05	41.91	28.58	85.09	R-4300	IPC
THT-23-428-2	2 000	Metallised Polyester with Overlamine	Silver	1	50.80	25.40		34.93	62.23	R-4300	IPC
THT-24-428-1	1 000	Metallised Polyester with Overlamine	Silver	1	69.85	44.45		53.98	81.28	R-4300	IPC

Custom Products available see page 160.

General and Industrial Identification

Tag Identification



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

Polypropylene Tag (B-412) **Polyolefin Tag (B-411)**

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Length (mm) B	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-33-411-1	2 rolls of 500	Polyolefin Tag	White	1	76.20	152.40	152.40	76.20	R-4300	IPE
THT-33-412-1	2 rolls of 500	Polypropylene Tag	White	1	76.20	152.40	152.40	76.20	R-4300	IPE

Paper Labels



Brady's paper labels are ideal for shipping and general purpose labelling.

General-Purpose White Paper (B-424) **Removable White Paper (B-408)**

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-7-424-3	3 000	Paper	White	1	69.85	31.75	34.93	74.93	R-4300	IPE
THT-17-408-3	3 000	Paper	White	1	50.80	25.40	28.58	55.88	R-7942	IPE
THT-17-424-3	3 000	Paper	White	1	50.80	25.40	28.58	55.88	R-4300	IPE
THT-18-408-3	3 000	Paper	White	1	76.20	25.40	28.58	81.28	R-7942	IPE
THT-18-424-3	3 000	Paper	White	1	76.20	25.40	28.58	81.28	R-4300	IPE
THT-19-408-1	1 000	Paper	White	1	76.20	50.80	53.98	81.28	R-7942	IPE
THT-19-424-1	1 000	Paper	White	1	76.20	50.80	53.98	81.28	R-4300	IPE
THT-20-408-1	1 000	Paper	White	1	76.20	127.00	130.18	81.28	R-7942	IPE
THT-20-424-1	1 000	Paper	White	1	76.20	127.00	130.18	81.28	R-4300	IPE
THT-25-408-1	1 000	Paper	White	1	101.60	152.40	155.58	106.68	R-7942	IPE
THT-53-424-3	3 000	Paper	White	1	50.80	12.70	15.24	55.88	R-4300	IPE
THT-55-408-1	1 000	Paper	White	1	101.60	50.80	53.98	106.68	R-7942	IPE
THT-55-424-1	1 000	Paper	White	1	101.60	50.80	53.98	106.68	R-4300	IPE
THT-78-408-1	1 000	Paper	White	1	101.60	165.10	168.28	106.68	R-7942	IPE

Security Identification

Water Indicating Labels

B-350 Water Indicating Polyester/Paper

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Size Diam (mm)
THT-70-350-20	20 000	Polyester/Paper Laminate	White		6.35 mm x 6.35 mm
WIL-1-350-5	5 000	Polyester/Paper Laminate	White		4.10
WIL-1-350-20	20 000	Polyester/Paper Laminate	White		4.10



Water indicating labels provide clear evidence of water intrusion for controlling invalid warranty claims, failure analysis, design assistance or repair troubleshooting.

Tamper-Resistant Labels

B-7351 Tamper-Resistant Vinyl

B-352 Tamper-Resistant Metallised Vinyl

B-438 Tamper-Evident Metallised Polyester

Order Reference	Pieces per Pack	Material	Colour	Labels per Row	Label Width (mm) A	Label Height (mm) B	Horizontal Repeat (mm) C	Vertical Repeat (mm) D	Web Width (mm) E	Recommended Ribbon Series	IP™ Enabled/Compatible
THT-1-7351-10	10 000	Tamper-Resistant Vinyl	White	4	19.05	6.35	20.32	8.89	85.09	R-7961	IPE
THT-1-438-10	10 000	Tamper-Evident Metallised Polyester	Silver	4	19.05	6.35	20.32	8.89	85.09	R-4300	IPC
THT-4-7351-10	10 000	Tamper-Resistant Vinyl	White	2	38.10	6.35	41.91	8.89	85.09	R-7961	IPE
THT-5-352-10	10 000	Tamper-Resistant Vinyl	Silver	3	25.40	12.70	27.31	15.24	85.09	R-6000	IPC
THT-5-438-10	10 000	Tamper-Evident Metallised Polyester	Silver	3	25.40	12.70	27.31	15.24	85.09	R-4300	IPC
THT-6-352-10	10 000	Tamper-Resistant Vinyl	Silver	2	38.10	19.05	41.91	22.23	85.09	R-6000	IPC
THT-7-352-3	3 000	Tamper-Resistant Vinyl	Silver	1	69.85	31.75	—	34.93	74.93	R-4300	IPC
THT-12-7351-10	10 000	Tamper-Resistant Vinyl	White	5	12.70	11.10	16.81	13.64	85.09	R-4300	IPE
THT-12-438-10	10 000	Tamper-Evident Metallised Polyester	Silver	5	12.70	11.10	16.81	13.64	85.09	R-4300	IPC
THT-14-7351-10	10 000	Tamper-Resistant Vinyl	White	4	16.51	5.08	17.78	7.62	74.93	R-7961	IPE
THT-14-438-10	10 000	Tamper-Evident Metallised Polyester	Silver	4	16.51	5.08	17.78	7.62	74.93	R-4300	IPC
THT-15-7351-2.5	2 500	Tamper-Resistant Vinyl	White	1	50.80	6.35	—	9.53	55.88	R-7961	IPE
THT-17-7351-3	3 000	Tamper-Resistant Vinyl	White	1	50.80	25.40	—	28.58	53.98	R-7961	IPE
THT-17-352-3	3 000	Tamper-Resistant Vinyl	Silver	1	50.80	25.40	—	28.58	53.98	R-6000	IPC
THT-17-438-3	3 000	Tamper-Evident Metallised Polyester	Silver	1	50.80	25.40	—	28.58	53.98	R-4300	IPC
THT-18-352-3	3 000	Tamper-Resistant Vinyl	Silver	1	76.20	25.40	—	28.58	81.28	R-6000	IPC
THT-18-438-3	3 000	Tamper-Evident Metallised Polyester	Silver	1	76.20	25.40	—	28.58	81.28	R-4300	IPC
THT-19-352-1	1 000	Tamper-Resistant Vinyl	Silver	1	76.30	50.80	—	53.98	81.28	R-4300	IPC
THT-19-438-1	1 000	Tamper-Evident Metallised Polyester	Silver	1	76.20	50.80	—	53.98	81.28	R-4300	IPC
THT-21-438	1	Tamper-evident Metallised Polyester	Silver	1	76.20	91.44 m	—	91.44 m	81.28	R-4300	IPC
THT-37-352-10	10 000	Tamper-Resistant Vinyl	Silver	2	38.10	12.70	41.91	15.24	85.09	R-4300	IPC
THT-53-352-3	3 000	Tamper-Resistant Vinyl	Silver	1	50.80	12.70	—	15.24	55.80	R-4300	IPC

THERMAL TRANSFER LABELS



Brady offers several tamper-resistant label materials that are ideal for package seals. If desired, covert or overt security features can also be added to provide additional package protection.



Tamper-evident labels are ideal for warranty fraud protection. They're designed to leave a footprint when the label is removed. In addition, a pattern will appear on the top surface of the label in order to prevent it from being reused.