



Printing System Solutions

THERMAL TRANSFER PRINTING SYSTEMS



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► THERMAL TRANSFER PRINTER CHART

BRADYPRINTER™ Thermal Printer Comparison									
	200M	260M	203X-Plus	300X-Plus	360X-Plus	1024	2024	2034	4042
Label Width (max)	4.52"	7.2"	5.51"	3.54"	7.2"	4.65"	4.65"	4.65"	2.5"
Print Width (max)	4.09"	6.3"	5.04"	3.4"	6.6"	4.1"	4.1"	4.1"	2.4"
Print Length (max)	15-39"	25"	30-39"	20-39"	10-39"	12"	12"	12"	24"
Speed (max)	6 ips	6 ips	12 ips	8 ips	8 ips	2 ips	10 ips	8 ips	4 ips
Microprocessor	32 bit	32 bit	Dual 32 bit	Dual 32 bit	Dual 32 bit	32 bit	32 bit	32 bit	32 bit
RAM	512K/ 1 MB**	1 MB	1 MB	1 MB	1 MB	512K	512K	1 MB	128K
Additional Memory	To 1 MB	To 1 MB	To 8 MB	To 8 MB	To 8 MB	To 1 MB	To 4 MB	To 4 MB	To 512K
DPI	203/ 300**	203	203	300	300	203	203	300	406
Weight	43 lbs	55 lbs	55 lbs	50 lbs	67 lbs	7 lbs	42 lbs	42 lbs	32 lbs
ZPL/ZPL II	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
Port (Standard)	Ser. & Par.*	Ser. & Par.*	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Serial
Options	C, R, P/O	R, P/O	C, R, P/O	C, R, P/O	C, R, P/O	C	C, R, P/O	C, R, P/O	R, Par.
Bar codes	5 mil. min. thin bar	5 mil. min. thin bar	5 mil. min. thin bar	3 mil. min. thin bar	3 mil. min. thin bar	5 mil. min. thin bar	5 mil. min. thin bar	3 mil. min. thin bar	2.5 mil. min. thin bar
Memory Card	No	No	Optional	Optional	Optional	No	Optional	Optional	No

T/O= Tear Off, P/O=Peel Off, C=Cutter, R=Rewind, Ser.=Serial, Par.=Parallel, Par.*=Optional

** 200M printer with 300dpi option has 1 MB memory standard

► BRADY THERMAL TRANSFER PRINTER SERVICE AND SUPPORT PROGRAM



Maximizing your uptime of your thermal transfer printers is a critical part of ensuring the continuous operation of your business. That is why Brady has partnered with IBM to bring you the best service and support coverage available.

The 5"x9"x4" coverage plan gives you service and support (5) days a week, (9) hours a day, with a (4) hour response time.

Together, Brady's Technical Support Staff and IBM's nationwide service organization will provide you with unequalled coverage.

For more information about the service and support program, call Brady's dedicated Technical Support Line at 1-800-643-8766.

► THERMAL TRANSFER PRINTER CHART

BRADYPRINTER™ Thermal Printer Comparison									
	200M	260M	203X-Plus	300X-Plus	360X-Plus	1024	2024	2034	4042
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Print Width (max)	4.09"	6.3"	5.04"	3.4"	6.6"	4.1"	4.1"	4.1"	2.4"
Print Length (max)	15-39"	25"	30-39"	20-39"	10-39"	12"	12"	12"	24"
Speed (max)	6 ips	6 ips	12 ips	8 ips	8 ips	2 ips	10 ips	8 ips	4 ips
Microprocessor	32 bit	32 bit	Dual 32 bit	Dual 32 bit	Dual 32 bit	32 bit	32 bit	32 bit	32 bit
RAM	512K/ 1 MB**	1 MB	1 MB	1 MB	1 MB	512K	512K	1 MB	128K
Additional Memory	To 1 MB	To 1 MB	To 8 MB	To 8 MB	To 8 MB	To 1 MB	To 4 MB	To 4 MB	To 512K
DPI	203/ 300**	203	203	300	300	203	203	300	406
Weight	43 lbs	55 lbs	55 lbs	50 lbs	67 lbs	7 lbs	42 lbs	42 lbs	32 lbs
ZPL/ZPL II	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A
Port (Standard)	Ser. & Par.*	Ser. & Par.*	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Ser. & Par.	Serial
Options	C, R, P/O	R, P/O	C, R, P/O	C, R, P/O	C, R, P/O	C	C, R, P/O	C, R, P/O	R, Par.
Bar codes	5 mil. min. thin bar	5 mil. min. thin bar	5 mil. min. thin bar	3 mil. min. thin bar	3 mil. min. thin bar	5 mil. min. thin bar	5 mil. min. thin bar	3 mil. min. thin bar	2.5 mil. min. thin bar
Memory Card	No	No	Optional	Optional	Optional	No	Optional	Optional	No

T/O= Tear Off, P/O=Peel Off, C=Cutter, R=Rewind, Ser.=Serial, Par.=Parallel, Par.*=Optional

** 200M printer with 300dpi option has 1 MB memory standard

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For more information about the service and support program, call Brady's dedicated Technical Support Line at 1-800-643-8766.

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BRADYPRINTER™
MODEL 200M



The Bradyprinter THT Model 200M combines quality and low cost in a single high-performance printer. Configured specifically for basic label printing, its superior design allows it to outperform other low-cost printers in both printing and formatting times. It offers easy-to-use push button set-up, a full range of bar code capabilities, and durable construction that withstands harsh operating environments.

Offering both the reliability and support you'd expect from Brady, plus a price that makes it very cost-effective, the Bradyprinter THT Model 200M is the practical printer that makes quality affordable.

- ▶ Practical printer for cost-effective productivity
- ▶ Optical sensors maintain registration on small labels
- ▶ Prints 203 or 300 dpi graphics and high density bar codes
- ▶ Standard tear-off bar for easy label removal
- ▶ 32-bit microprocessor

Model 200M Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer / 300 dots per inch (12 dots per mm) thermal transfer printer
Printhead	Thin film with Element Energy Equalizer® (E3®)
Maximum print width	4.09" (104mm)
Maximum print length	15.00" (381mm) standard, 39.00" (991mm) with memory expansion
Maximum label width	4.52" (115mm)
Minimum label width	1.00" (25mm)
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.3mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2" (50mm) to 6" (152mm) per second

Bradyprinter Model 200M (203 dpi)

Part Number	Description
BP-THT-200M	Brady THT Model 200M
BP-THT-200M-R	Brady THT Model 200M with rewind

Bradyprinter Model 200M/300 (300 dpi)

Part Number	Description
BP-THT-200M-300	Brady THT Model 200M with 300 dpi
BP-THT-200M-300-R	Brady THT Model 200M/300 with rewind
BP-THT-200M-300-C	Brady THT Model 200M/300 with cutter

B

ADYPRINTER™ MODEL 200M



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- ▶ Standard tear-off bar for easy label removal
- ▶ 32-bit microprocessor

Model 200M Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer / 300 dots per inch (12 dots per mm) thermal transfer printer
Printhead	Thin film with Element Energy Equalizer® (E3®)
Maximum print width	4.09" (104mm)
Maximum print length	15.00" (381mm) standard, 39.00" (991mm) with memory expansion
Maximum label width	4.52" (115mm)
Minimum label width	1.00" (25mm)
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.3mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2" (50mm) to 6" (152mm) per second

Bradyprinter Model 200M (203 dpi)

Part Number	Description
BP-THT-200M	Brady THT Model 200M
BP-THT-200M-R	Brady THT Model 200M with rewind

Bradyprinter Model 200M/300 (300 dpi)

Part Number	Description
BP-THT-200M-300	Brady THT Model 200M with 300 dpi
BP-THT-200M-300-R	Brady THT Model 200M/300 with rewind
BP-THT-200M-300-C	Brady THT Model 200M/300 with cutter

BRADYPRINTER™
MODEL 200M
CONTINUED

Model 200M Factory-Installed Options

Part Number	Description
BP-THT-200M-512	Brady THT Model 200M with 512K memory
BP-THT-200M-512-R	Brady THT Model 200M with rewind and 512K memory

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Outside diameter: 3.2" (81.3mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times
- ▶ Scalable font CG Triumvirate™ Bold Condensed
- ▶ IBM® Code Page 850 International characters

Electrical

- ▶ Switch selectable 115 VAC + 15/-20%, 5 amp fused; 230 VAC +/-15%, 3 amp fused (48-62 Hz)

Electronics

- ▶ 32-bit microprocessor
- ▶ 512K standard RAM
- ▶ 1 MB standard on 300 dpi units

Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code

Physical

- ▶ Height: 15.4" (391mm)
- ▶ Width: 10.5" (267mm)
- ▶ Depth: 18.9" (480mm)
- ▶ Weight without options: 43lbs. (19.5kg)

Communications Interfaces

- ▶ Serial interface standard: RS 232, Centronics® parallel optional

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind feature
- ▶ Parallel interface
- ▶ Extended memory
- ▶ High performance cutter
- ▶ Printhead 300 dots per inch (12dots/mm) resolution
- ▶ Additional scalable and smooth bitmapped fonts available on EPROM

BRADYPRINTER™ MODEL 200M

CONTINUED

Model 200M Factory-Installed Options

Part Number	Description
BP-THT-200M-512	Brady THT Model 200M with 512K memory
BP-THT-200M-512-R	Brady THT Model 200M with rewind and 512K memory

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Outside diameter: 3.2" (81.3mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times
- ▶ Scalable font CG Triumvirate™ Bold Condensed
- ▶ IBM® Code Page 850 International characters

Electrical

- ▶ Switch selectable 115 VAC + 15/-20%, 5 amp fused; 230 VAC +/-15%, 3 amp fused (48-62 Hz)

Electronics

- ▶ 32-bit microprocessor
- ▶ 512K standard RAM
- ▶ 1 MB standard on 300 dpi units

Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code

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- ▶ Width: 10.5" (267mm)
- ▶ Depth: 18.9" (480mm)
- ▶ Weight without options: 43lbs. (19.5kg)

Communications Interfaces

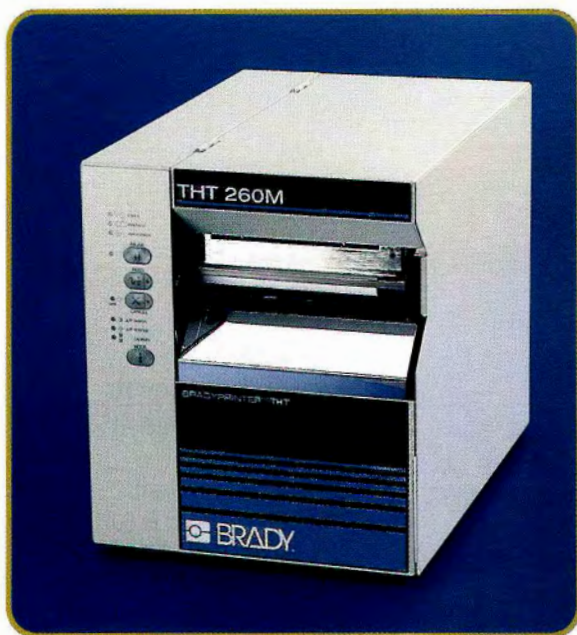
- ▶ Serial interface standard: RS 232, Centronics® parallel optional

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind feature
- ▶ Parallel interface
- ▶ Extended memory
- ▶ High performance cutter
- ▶ Printhead 300 dots per inch (12dots/mm) resolution
- ▶ Additional scalable and smooth bitmapped fonts available on EPROM

BRADYPRINTER™
MODEL 260M

The Bradyprinter THT Model 260M provides industrial strength performance with all-metal construction and accepts media widths up to 7.2". Because it can accommodate common 6" x 4" applications without rotation, the THT 260M is the ideal choice for compliance labels; product packaging labels; and carton shipping labels.

Bradyprinter THT Model 260M is designed for speed, accuracy and flexibility. It incorporates a 32-bit microprocessor with 1 MB RAM memory to allow simultaneous formatting and printing. Options include internal media rewind and quick-dispensing peel-off.

- ▶ Economical, feature-packed wide label printer
- ▶ Prints at up to 6 inches per second
- ▶ Produces all popular bar codes and 2D symbologies
- ▶ 203 dpi resolution
- ▶ Works with all Brady THT software, labels and ribbons

Model 260M Specifications

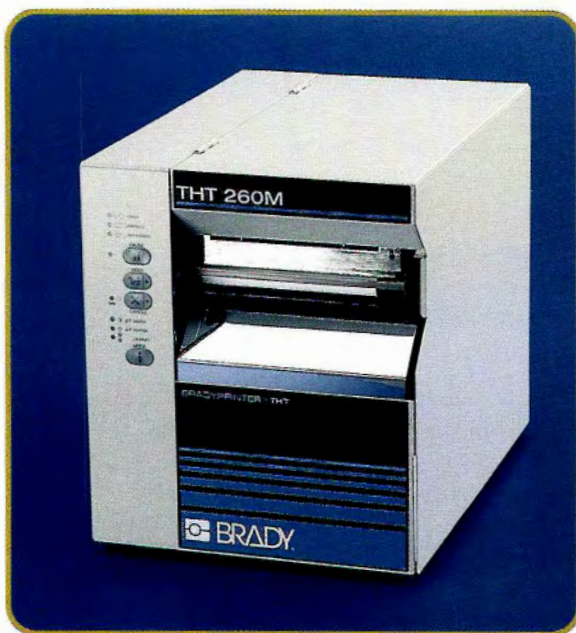
Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer
Maximum print width	6.30" (160mm)
Maximum print length	25.00" (635mm)
Minimum label width	2.00" (50.8mm)
Total thickness	.003" (.08mm) to .012" (.30mm)
Maximum media width	7.20" (182.9mm)
Maximum media diameter	8.00" (203mm)
Print speeds	Selectable print speeds at 1" increments from 2" (50mm) to 6" (152mm)

Bradyprinter Model 260M

Part Number	Description
BP-THT-260M	Brady THT Model 260M
BP-THT-260M-R	Brady THT Model 260M with rewind
BP-THT-260M-PO	Brady THT Model 260M with peel-off

B

ADYPRINTER™ MODEL 260M



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- ▶ Economical, feature-packed wide label printer
- ▶ Prints at up to 6 inches per second
- ▶ Produces all popular bar codes and 2D symbologies
- ▶ 203 dpi resolution
- ▶ Works with all Brady THT software, labels and ribbons

Model 260M Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer
Maximum print width	6.30" (160mm)
Maximum print length	25.00" (635mm)
Minimum label width	2.00" (50.8mm)
Total thickness	.003" (.08mm) to .012" (.30mm)
Maximum media width	7.20" (182.9mm)
Maximum media diameter	8.00" (203mm)
Print speeds	Selectable print speeds at 1" increments from 2" (50mm) to 6" (152mm)

Bradyprinter Model 260M

Part Number	Description
BP-THT-260M	Brady THT Model 260M
BP-THT-260M-R	Brady THT Model 260M with rewind
BP-THT-260M-PO	Brady THT Model 260M with peel-off

BRADYPRINTER™ MODEL 260M

CONTINUED

Ribbons

- ▶ Outside diameter: 3.2" (81mm)

Programming Language

- ▶ ZPL® or ZPL II® selectable through software

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times, height and width independent
- ▶ Scalable font CG Triumvirate™ Bold Condensed is standard
- ▶ IBM® Code Page 850 International Characters and Graphics symbols

Electrical

- ▶ Switch selectable 115 VAC +15/-20% 5 amp fused or 230 VAC ±15% 3 amp fused: 48-62 Hz

Electronics

- ▶ 32-bit microprocessor
- ▶ 512K standard RAM

Bar Codes/ Symbologies

- ▶ All popular symbologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, Data Matrix, Maxi Code

Physical

- ▶ Height: 15.4" (391.2mm)
- ▶ Width: 13.1" (332.7mm)
- ▶ Depth: 18.9" (480mm)
- ▶ Weight without options: 55lbs. (24.9kg)

Communications Interfaces

- ▶ Centronics® Parallel or RS-232C Parity, data bits, XON-XOFF/DTR protocol set by DIP switches 110-19, 200 BAUD

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation environment: 40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Internal rewind: Full roll of printed labels is rewound internally
- ▶ Label peel-off and liner rewind: For immediate application
- ▶ Fanfold bin: Internal
- ▶ Additional scalable and smooth bitmapped fonts available on EPROM

BRADYPRINTER™ MODEL 260M

CONTINUED

Ribbons

- ▶ Outside diameter: 3.2" (81mm)

Programming Language

- ▶ ZPL® or ZPL II® selectable through software

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times, height and width independent
- ▶ Scalable font CG Triumvirate™ Bold Condensed is standard
- ▶ IBM® Code Page 850 International Characters and Graphics symbols

Electrical

- ▶ Switch selectable 115 VAC +15/-20% 5 amp fused or 230 VAC ±15% 3 amp fused: 48-62 Hz

Electronics

- ▶ 32-bit microprocessor
- ▶ 512K standard RAM

Bar Codes/ Symbologies

- ▶ All popular symbologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, Data Matrix, Maxi Code

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- ▶ Width: 13.1" (332.7mm)
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Environment

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- ▶ Storage/Transportation environment: 40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Internal rewind: Full roll of printed labels is rewound internally
- ▶ Label peel-off and liner rewind: For immediate application
- ▶ Fanfold bin: Internal
- ▶ Additional scalable and smooth bitmapped fonts available on EPROM



BRADYPRINTER™ MODEL 203X-PLUS

Zebra Z 100X13



The Bradyprinter THT Model 203X *PLUS* is fast, accurate, and rugged. Its high-density printhead produces crisp logos, graphics, and bar codes at speeds up to 12 inches per second. And heavy-duty construction features like a heavy steel case and stainless steel spindles mean it can withstand a 24-hour duty cycle, even in the most harsh operating environments.

From small, general-purpose identification needs to high-volume applications involving circuit boards, rating plates, and electronic components, the Bradyprinter THT Model 203X *PLUS* provides all the power and quality you need for on-demand in-house printing.

- ▶ PCMCIA Memory Card Interface
- ▶ Dual optical sensors maintain registration on small labels
- ▶ Front-panel commands for faster formatting
- ▶ Prints 5 mil bar codes and 203 dpi graphics
- ▶ Dual 32-bit RISC and CISC processing
- ▶ Uses all Brady THT software, labels and ribbon
- ▶ Standard tear-off bar for easy label removal

Model 203X-PLUS Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer
Printhead	Thin film with Element Energy Equalizer® (E3®)
Maximum print width	5.04" (128mm)
Maximum print length	30.00" (762mm) standard, 39" (991mm) w/RAM expansion
Maximum label width	5.51" (140mm)
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.3mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 12" (305mm) per second

Bradyprinter Model 203X-PLUS

Part Number	Description
BP-THT-203X-PLUS	Brady THT Model 203X
BP-THT-203X-PLUS-R	Brady THT Model 203X with rewind
BP-THT-203X-PLUS-CR	Brady THT Model 203X with cutter/rewind
BP-THT-203X-PLUS-C	Brady THT Model 203X with cutter

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BRADYPRINTER™ MODEL 203X-PLUS

Zehrer 2140X13



The Bradyprinter THT Model 203X *PLUS* is fast, accurate, and rugged. Its high-density printhead produces crisp logos, graphics, and bar codes at speeds up to 12 inches per second. And heavy-duty construction features like a heavy steel case and stainless steel spindles mean it can withstand a 24-hour duty cycle, even in the most harsh operating environments.

From small, general-purpose identification needs to high-volume applications involving circuit boards, rating plates, and electronic components, the Bradyprinter THT Model 203X *PLUS* provides all the power and quality you need for on-demand in-house printing.

- ▶ PCMCIA Memory Card Interface
- ▶ Dual optical sensors maintain registration on small labels
- ▶ Front-panel commands for faster formatting
- ▶ Prints 5 mil bar codes and 203 dpi graphics
- ▶ Dual 32-bit RISC and CISC processing
- ▶ Uses all Brady THT software, labels and ribbon
- ▶ Standard tear-off bar for easy label removal

Model 203X-PLUS Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer
Printhead	Thin film with Element Energy Equalizer® (E3®)
Maximum print width	5.04" (128mm)
Maximum print length	30.00" (762mm) standard, 39" (991mm) w/RAM expansion
Maximum label width	5.51" (140mm)
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.3mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 12 (305mm) per second

Bradyprinter Model 203X-PLUS

Part Number	Description
BP-THT-203X-PLUS	Brady THT Model 203X
BP-THT-203X-PLUS-R	Brady THT Model 203X with rewind
BP-THT-203X-PLUS-CR	Brady THT Model 203X with cutter/rewind
BP-THT-203X-PLUS-C	Brady THT Model 203X with cutter

BRADYPRINTER™ MODEL 203X-PLUS

CONTINUED

Model 203X-PLUS Field-Installed Options

Part Number	Description
BPTR-PLUS-8MB	8 MB RAM memory kit
BPTR-PLUS-R-FK-203	Rewind field kit
BPTR-PLUS-C-FK-203	Cutter field kit
BPTR-PLUS-CR-FK-203	Cutter/rewind field kit
BPTR-PLUS-TWIN-FK	Twinax field kit
BPTR-PLUS-COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times
- ▶ Scalable font CG Triumvirate™ Bold Condensed (4 pts.-144 pts.)
- ▶ IBM® Code Page 850 multilingual character set

Electrical

- ▶ Switch selectable 115 VAC $\pm 15\%$ -20%
5 amp fused or 230 VAC $\pm 15\%$
3 amp fused: 48-62 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 1MB standard RAM memory (expandable to 8MB)

Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code

Physical

- ▶ Height: 15.4" (391mm)
- ▶ Width: 13.1" (333mm)
- ▶ Depth: 18.9" (480mm)
- ▶ Weight without options: 55lbs (25kg)

Communications Interfaces

- ▶ Serial and parallel interfaces standard
- ▶ RS-232, 485 serial interfaces with DB-25
- ▶ High-speed parallel interface, Centronics® compatible

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expanded memory (up to 8 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax interface (Emulates IBM System 3X and AS/400 printers)
- ▶ IBM Coax interface (Emulates IBM System 3270 printers)
- ▶ Additional options available

BRADYPRINTER™ MODEL 203X-PLUS

CONTINUED

Model 203X-PLUS Field-Installed Options

Part Number	Description
BPTR-PLUS-8MB	8 MB RAM memory kit
BPTR-PLUS-R-FK-203	Rewind field kit
BPTR-PLUS-C-FK-203	Cutter field kit
BPTR-PLUS-CR-FK-203	Cutter/rewind field kit
BPTR-PLUS-TWIN-FK	Twinax field kit
BPTR-PLUS-COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times
- ▶ Scalable font CG Triumvirate™ Bold Condensed (4 pts.-144 pts)
- ▶ IBM® Code Page 850 multilingual character set

Electrical

- ▶ Switch selectable 115 VAC +15/-20%
5 amp fused or 230 VAC ±15%
3 amp fused: 48-62 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 1MB standard RAM memory (expandable to 8MB)

Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code

Physical

- ▶ Height: 15.4" (391mm)
- ▶ Width: 13.1" (333mm)
- ▶ Depth: 18.9" (480mm)
- ▶ Weight without options: 55lbs (25kg)

Communications Interfaces

- ▶ Serial and parallel interfaces standard
- ▶ RS-232, 485 serial interfaces with DB-25
- ▶ High-speed parallel interface, Centronics® compatible

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -40° to 140°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expanded memory (up to 8 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax interface (Emulates IBM System 3X and AS/400 printers)
- ▶ IBM Coax interface (Emulates IBM System 3270 printers)
- ▶ Additional options available

B

ADYPRINTER™ MODEL 300X-PLUS



The Bradyprinter THT Model 300X *PLUS* combines industrial-strength ruggedness and laser-quality output to produce high-resolution graphics in harsh operating environments, with a full-time 24-hour duty cycle. It is ideal for applications where identification information must be incorporated on very small labels, since the 300 dpi resolution ensures that even small text and bar codes will be sharp and easy to read.

The Bradyprinter THT Model 300X *PLUS* can print indelible images on a variety of labeling materials, including paper, polyester, polyimide, and vinyl. And it comes with the reliability and follow-up support you expect from Brady.

- ▶ PCMCIA Memory Card Interface
- ▶ Prints at 8 ips, on labels up to 3.54" wide
- ▶ Produces 3 mil bar codes and 300 dpi graphics
- ▶ Dual optical sensors maintain registration on small labels
- ▶ Uses all Brady THT software, labels and ribbon
- ▶ Can produce precise images on 1/8" high labels
- ▶ Dual 32-bit RISC and CISC processing

Model 300X-PLUS Specifications

Print resolution	300 dots per inch (12 dots per mm) thermal transfer printer
Printhead	Thin film with Element Energy Equalizer® (E3®)
Maximum print width	3.4" (86mm)
Maximum print length	20.00" (508mm) standard
Maximum expansion w/RAM	39.00" (991mm)
Maximum label width	3.54" (90mm)
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.30mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 8" (203mm)

Bradyprinter Model 300X-PLUS

Part Number	Description
BP-THT-300X-PLUS	Brady THT Model 300X-PLUS
BP-THT-300X-PLUS-R	Brady THT Model 300X-PLUS with rewind
BP-THT-300X-PLUS-CR	Brady THT Model 300X-PLUS with cutter/rewind
BP-THT-300X-PLUS-C	Brady THT Model 300X-PLUS with cutter

BBRADYPRINTER™
MODEL 300X-PLUS

The Bradyprinter THT Model 300X *PLUS* combines industrial-strength ruggedness and laser-quality output to produce high-resolution graphics in harsh operating environments, with a full-time 24-hour duty cycle. It is ideal for applications where identification information must be incorporated on very small labels, since the 300 dpi resolution ensures that even small text and bar codes will be sharp and easy to read.

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Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 8" (203mm)

Bradyprinter Model 300X-PLUS

Part Number	Description
BP-THT-300X-PLUS	Brady THT Model 300X-PLUS
BP-THT-300X-PLUS-R	Brady THT Model 300X-PLUS with rewind
BP-THT-300X-PLUS-CR	Brady THT Model 300X-PLUS with cutter/rewind
BP-THT-300X-PLUS-C	Brady THT Model 300X-PLUS with cutter

BRADYPRINTER™ MODEL 300X-PLUS

CONTINUED

Model 300X-PLUS Field-Installed Options

Part Number	Description
BPTR-PLUS-8MB	8 MB RAM memory kit
BPTR-PLUS-R-FK-300	Rewind field kit
BPTR-PLUS-C-FK-300	Cutter field kit
BPTR-PLUS-CR-FK-300	Cutter/rewind field kit
BPTR-PLUS-TWIN-FK	Twinax field kit
BPTR-PLUS-COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times
- ▶ Scalable font CG Triumvirate™ Bold Condensed (4 pts.-144 pts.)
- ▶ IBM® Code Page 850 multilingual character set

Electrical

- ▶ Universal power supply with power-factor correction 90-264 VAC, 48-62 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 1MB standard RAM memory (expandable to 8MB)

Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code

Physical

- ▶ Height: 15.5" (394mm)
- ▶ Width: 9.15" (232mm)
- ▶ Depth: 19.5" (495mm)
- ▶ Weight without options: 50lbs (22.7kg)

Communications Interfaces

- ▶ Serial and parallel interfaces standard
- ▶ RS-232, 485 serial interfaces with DB-25
- ▶ High-speed parallel interface, Centronics® compatible

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -4° to 104°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expanded memory (up to 8 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax interface (Emulates IBM System 3X and AS/400 printers)
- ▶ IBM Coax interface (Emulates IBM System 3270 printers)
- ▶ Additional options available

BRADYPRINTER™ MODEL 300X-PLUS

CONTINUED

Model 300X-PLUS Field-Installed Options

Part Number	Description
BPTR-PLUS-8MB	8 MB RAM memory kit
BPTR-PLUS-R-FK-300	Rewind field kit
BPTR-PLUS-C-FK-300	Cutter field kit
BPTR-PLUS-CR-FK-300	Cutter/rewind field kit
BPTR-PLUS-TWIN-FK	Twinax field kit
BPTR-PLUS-COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password

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- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expanded memory (up to 8 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax interface (Emulates IBM System 3X and AS/400 printers)
- ▶ IBM Coax interface (Emulates IBM System 3270 printers)
- ▶ Additional options available

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BRADYPRINTER™
MODEL 360X-PLUS



The Bradyprinter THT Model 360X *PLUS* combines high speed, high resolution and media widths up to 7.1", to produce wide labels without rotation and more labels per minute. Plus, it has the ability to format while printing for even faster throughput. The 300 dpi printhead produces crisp graphics and text and prints high-density symbologies to accurately meet bar code specifications.

This printer also provides the reliability and support you'd expect from Brady. Durably constructed to perform in harsh industrial environments, the Bradyprinter THT Model 360X *PLUS* is designed for tough applications that demand speed, accuracy and flexibility.

- ▶ Wide label printer with laser-like resolution
- ▶ Prints at 8 ips, on labels up to 7.1" wide
- ▶ Produces 3 mil bar codes and 300 dpi graphics
- ▶ Dual optical sensors maintain registration
- ▶ PCMCIA Memory Card Interface
- ▶ Uses all Brady THT software, labels and ribbon
- ▶ Dual 32-bit RISC and CISC processing

Model 360X-PLUS Specifications

Print resolution	300 dots per inch (12 dots per mm) thermal transfer printer
Printhead	Thin film with Element Energy Equalizer® (E3®)
Maximum print width	6.60" (168mm)
Maximum print length	10.00" (254mm) standard
Maximum expansion w/RAID	39.00" (991mm)
Maximum label width	7.10" (180mm)
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.30mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 8" (203.2mm)

Bradyprinter Model 360X-PLUS

Part Number	Description
BP-THT-360X-PLUS	Brady THT Model 360X-PLUS
BP-THT-360X-PLUS-R	Brady THT Model 360X-PLUS with rewind
BP-THT-360X-PLUS-CR	Brady THT Model 360X-PLUS with cutter/rewind
BP-THT-360X-PLUS-C	Brady THT Model 360X-PLUS with cutter

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BRADYPRINTER™
MODEL 360X-PLUS



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Print resolution	300 dots per inch (12 dots per mm) thermal transfer printer
Printhead	Thin film with Element Energy Equalizer® (E3®)
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Maximum expansion w/RAM	39.00" (991mm)
Maximum label width	7.10" (180mm)
Maximum label roll diameter	8.00" (203mm)
Total thickness	.003" (.08mm) to .012" (.30mm)
Core diameter	3.00" (76mm)
Print speeds	Selectable print speeds at 1" increments from 2.4" (61mm) to 8" (203.2mm)

Bradyprinter Model 360X-PLUS

Part Number	Description
BP-THT-360X-PLUS	Brady THT Model 360X-PLUS
BP-THT-360X-PLUS-R	Brady THT Model 360X-PLUS with rewind
BP-THT-360X-PLUS-CR	Brady THT Model 360X-PLUS with cutter/rewind
BP-THT-360X-PLUS-C	Brady THT Model 360X-PLUS with cutter

BRADYPRINTER™ MODEL 360X-PLUS

CONTINUED

Model 360X-PLUS Field-Installed Options

Part Number	Description
BPTR-PLUS-8MB	8 MB RAM memory kit
BPTR-PLUS-R-FK-360	Rewind field kit
BPTR-PLUS-C-FK-360	Cutter field kit
BPTR-PLUS-CR-FK-360	Cutter/rewind field kit
BPTR-PLUS-TWIN-FK	Twinax field kit
BPTR-PLUS-COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password
- ▶ Controlled via mainframe, mini, PC

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times, height and width independent
- ▶ Scalable font CG Triumvirate™ Bold Condensed is standard

Electrical

- ▶ Universal power supply with power-factor correction 90-264 VAC, 48-64 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 1MB standard RAM memory (expandable to 8MB)

Bar Codes/ Symbolologies

- ▶ All popular symbolologies including:
Linear bar codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digit extensions, Plessey, Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
2-dimensional bar codes: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code

Physical

- ▶ Height: 15.5" (394mm)
- ▶ Width: 13.2" (334mm)
- ▶ Depth: 19.5" (495mm)
- ▶ Weight without options: 67lbs (30.5kg)

Communications Interfaces

- ▶ Serial and parallel interfaces standard
- ▶ RS-232, RS-422/485 serial interfaces via DB-25
- ▶ High-speed parallel interface, Centronics® compatible
- ▶ IBM® Twinax and Coax available as options
- ▶ Memory/Font card interface available as option

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -4° to 104°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expandable memory (up to 8 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax or Coax interface

BRADYPRINTER™
MODEL 360X-PLUS
CONTINUED

Model 360X-PLUS Field-Installed Options

Part Number	Description
BPTR-PLUS-8MB	8 MB RAM memory kit
BPTR-PLUS-R-FK-360	Rewind field kit
BPTR-PLUS-C-FK-360	Cutter field kit
BPTR-PLUS-CR-FK-360	Cutter/rewind field kit
BPTR-PLUS-TWIN-FK	Twinax field kit
BPTR-PLUS-COAX-FK	Coax field kit

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Outside diameter: 3.2" (81mm)
- ▶ Recommended to be as wide as media

Programming Language

- ▶ ZPL® or ZPL II® selectable through software or easy-to-use control panel with user programmable password
- ▶ Controlled via mainframe, mini, PC

Fonts standard

- ▶ Seven bitmapped fonts expandable up to ten times, height and width independent
- ▶ Scalable font CG Triumvirate™ Bold Condensed is standard

Electrical

- ▶ Universal power supply with power-factor correction 90-264 VAC, 48-64 Hz

Electronics

- ▶ Dual 32-bit RISC and CISC microprocessors
- ▶ 1MB standard RAM memory (expandable to 8MB)

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- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -4° to 104°F (-40° to 60°C)
- ▶ 20% to 85% Non-condensing R.H.

Options

- ▶ Rewind (full label roll onto core)
- ▶ Label peel (full roll liner rewind)
- ▶ Cutter (cuts full media width)
- ▶ Expandable memory (up to 8 MB)
- ▶ Additional fonts available on EPROM
- ▶ IBM Twinax or Coax interface

B

ADYPRINTER™ MODEL 1024



Designed for point-of-use labeling where space is at a premium, the Bradyprinter THT Model 1024 occupies a footprint of only 8 by 10 inches. A battery pack is available for portable operation. The Model 1024 features standard 32-bit RISC processing, 512KB DRAM and 203 dpi resolution

The Bradyprinter THT Model 1024 prints all popular bar codes, plus 2D symbologies like PDF417 and MaxiCode. Sturdy construction and worldwide service and support from Brady mean reliability, too.

- ▶ Drop-in media and ribbon loading
- ▶ Easy printhead access
- ▶ Stable construction for consistent print registration
- ▶ 512KB DRAM, upgradable to 1MB

Model 1024 Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer
Maximum print width	4.16" (105mm)
Maximum liner width	4.65" (118mm)
Maximum print length	12.00" (305mm) standard
Minimum print length	.375" (9.53mm) standard
Total thickness	.0025" (.064mm) to .010" (.25mm)
Core diameter	3" (76.2mm) on external media supply stand
Print speeds	1, 1.5 and 2" (25, 38 and 51 mm) per second

Bradyprinter Model 1024

Part Number	Description
BP-THT-1024	Brady THT Model 1024
BP-THT-1024-R	Brady THT Model 1024 with rewind
BP-THT-1024-CR	Brady THT Model 1024 with cutter/rewind
BP-THT-1024-C	Brady THT Model 1024 with cutter

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RADYPRINTER™ MODEL 1024



Designed for point-of-use labeling where space is at a premium, the Bradyprinter THT Model 1024 occupies a footprint of only 8 by 10 inches. A battery pack is available for portable operation. The Model 1024 features standard 32-bit RISC processing, 512KB DRAM and 203 dpi resolution

The Bradyprinter THT Model 1024 prints all popular bar codes, plus 2D symbologies like PDF417 and MaxiCode. Sturdy construction and worldwide service and support from Brady mean reliability, too.

- ▶ Drop-in media and ribbon loading
- ▶ Easy printhead access
- ▶ Stable construction for consistent print registration
- ▶ 512KB DRAM, upgradable to 1MB

Model 1024 Specifications

Print resolution	203 dots per inch (8 dots per mm) thermal transfer printer
Maximum print width	4.16" (105mm)
Maximum liner width	4.65" (118mm)
Maximum print length	12.00" (305mm) standard
Minimum print length	.375" (9.53mm) standard
Total thickness	.0025" (.064mm) to .010" (.25mm)
Core diameter	3" (76.2mm) on external media supply stand
Print speeds	1, 1.5 and 2" (25, 38 and 51 mm) per second

Bradyprinter Model 1024

Part Number	Description
BP-THT-1024	Brady THT Model 1024
BP-THT-1024-R	Brady THT Model 1024 with rewind
BP-THT-1024-CR	Brady THT Model 1024 with cutter/rewind
BP-THT-1024-C	Brady THT Model 1024 with cutter

BRADYPRINTER™ MODEL 1024

CONTINUED

Model 1024 Factory-Installed Options

Part Number	Description
BP-THT-PS	Present sensor
BP-THT-C	Cutter with tray
BP-THT-MEM-256K	Memory cartridge - 256K Flash
BP-THT-MEM-512K	Memory cartridge - 512K Flash
BP-THT-MEM-1MB DRAM	Memory expansion - 1 MB w/daughter board DRAM (requires 512K IC DRAM)
BP-THT-MEM-3MB DRAM	Memory expansion - 3 MB w/daughter board DRAM (requires 512K IC DRAM)

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Industry-standard widths, 1" ribbon core: 360' (110m) in length

Bar Codes

- ▶ Code 39, Interleaved 2 of 5, Code 128 (subsets A, B and C), Codabar, UPC-A, UPC-E, UPC 2 and 5 digit add endums, EAN-8, EAN-13, Code 93, UCC/EAN Code 128, Postnet, PDF 417, Code 128 MOD 43 and UPS Maxi Code

Fonts and Graphics

- ▶ Nine alphanumeric fonts and OCR-A, OCR-B; CG Triumvirate; supports PCX, .BMP and .IMG files

Electronics

- ▶ 32-bit Microprocessor
- ▶ 512K standard RAM

Electrical

- ▶ 110 or 240 VAC, 50/60 Hz

Physical

- ▶ Height: 6.2" (158mm)
- ▶ Width: 8.8" (224mm)
- ▶ Depth: 10.1" (257mm)
- ▶ Weight without options: 7lbs (3.18kg)

Communications Interfaces

- ▶ Centronics® parallel. RS-232 at 1200 to 19,200 BPS: XON/XOFF, CTS/DTR

Character Set

- ▶ IBM® Code Page 850 for English and most European, Scandinavian and Spanish-speaking countries

Environment

- ▶ Operating temperature: 40° to 100°F (4° to 38°C)

Options

- ▶ Cutter
- ▶ 256 and 512K FLASH cartridge
- ▶ DRAM expansion
- ▶ Hours of use/inches printed
- ▶ Time and date
- ▶ External full-roll media supply stand
- ▶ Battery pack

BRADYPRINTER™ MODEL 1024

CONTINUED

Model 1024 Factory-Installed Options

Part Number	Description
BP-THT-PS	Present sensor
BP-THT-C	Cutter with tray
BP-THT-MEM-256K	Memory cartridge - 256K Flash
BP-THT-MEM-512K	Memory cartridge - 512K Flash
BP-THT-MEM-1MB DRAM	Memory expansion - 1 MB w/daughter board DRAM (requires 512K IC DRAM)
BP-THT-MEM-3MB DRAM	Memory expansion - 3 MB w/daughter board DRAM (requires 512K IC DRAM)

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Industry-standard widths, 1" ribbon core: 360' (110m) in length

Bar Codes

- ▶ Code 39, Interleaved 2 of 5, Code 128 (subsets A, B and C), Codabar, UPC-A, UPC-E, UPC 2 and 5 digit add endums, EAN-8, EAN-13, Code 93, UCC/EAN Code 128, Postnet, PDF 417, Code 128 MOD 43 and UPS Maxi Code

Fonts and Graphics

- ▶ Nine alphanumeric fonts and OCR-A, OCR-B; CG Triumvirate; supports PCX, .BMP and .IMG files

Electronics

- ▶ 32-bit Microprocessor
- ▶ 512K standard RAM

Electrical

- ▶ 110 or 240 VAC, 50/60 Hz

Physical

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Options

- ▶ Cutter
- ▶ 256 and 512K FLASH cartridge
- ▶ DRAM expansion
- ▶ Hours of use/inches printed
- ▶ Time and date
- ▶ External full-roll media supply stand
- ▶ Battery pack

B

RADYPRINTER™ MODELS 2024/2034



Combining versatility and performance with high speed and high resolution, the Bradyprinter THT Models 2024 and 2034 produce crisp graphics and text, and print high density bar code symbologies to accurately meet bar code specifications.

The Bradyprinter THT Models 2024 and 2034 are designed for tough applications that demand speed, accuracy and flexibility. They are durably constructed to perform in harsh industrial environments, providing the reliability and support you'd expect from Brady.

- ▶ Prints all popular bar code symbologies
- ▶ Prints speeds up to 10 inches-per-second
- ▶ 2024 produces 5 mil to 110 mil "X" dimension bar codes
- ▶ 2034 produces 3.3 mil to 80 mil "X" dimension bar codes
- ▶ All-steel cabinet for strength, durability
- ▶ Transparent panel allows in-process monitoring of media supply

Models 2024/2034 Specifications

Print resolution - 2024	203 dots per inch (8 dots per mm) thermal transfer printer
Print resolution - 2034	300 dots per inch (12 dots per mm) thermal transfer printer
Maximum print width	4.10" (104mm)
Maximum print length	12.00" (305mm) standard; (Optional memory expansion increases print length)
Maximum media width	4.65" (118mm)
Maximum roll diameter	8" (203mm) on 3" (76mm) core
Total thickness	.0025" (.064mm) to .010" (.25mm)
Print speeds	2-10" (50.8-254mm) per second

Bradyprinter Model 2024

Part Number	Description
BP-THT-2024	Brady THT Model 2024
BP-THT-2024-R	Brady THT Model 2024 with rewind
BP-THT-2024-CR	Brady THT Model 2024 with cutter/rewind
BP-THT-2024-C	Brady THT Model 2024 with cutter

Bradyprinter Model 2034

Part Number	Description
BP-THT-2034	Brady THT Model 2034
BP-THT-2034-R	Brady THT Model 2034 with rewind
BP-THT-2034-CR	Brady THT Model 2034 with cutter/rewind
BP-THT-2034-C	Brady THT Model 2034 with cutter

specifications / configurations

B

BRADYPRINTER™ MODELS 2024/2034



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Maximum media width	4.65" (118mm)
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Total thickness	.0025" (.064mm) to .010" (.25mm)
Print speeds	2-10" (50.8-254mm) per second

Bradyprinter Model 2024

Part Number	Description
BP-THT-2024	Brady THT Model 2024
BP-THT-2024-R	Brady THT Model 2024 with rewind
BP-THT-2024-CR	Brady THT Model 2024 with cutter/rewind
BP-THT-2024-C	Brady THT Model 2024 with cutter

Bradyprinter Model 2034

Part Number	Description
BP-THT-2034	Brady THT Model 2034
BP-THT-2034-R	Brady THT Model 2034 with rewind
BP-THT-2034-CR	Brady THT Model 2034 with cutter/rewind
BP-THT-2034-C	Brady THT Model 2034 with cutter

BRADYPRINTER™ MODELS 2024/2034

CONTINUED

Models 2024/2034 Factory-Installed Options

options

Part Number	Description
BP-THT-PS	Present sensor
BP-THT-C	Cutter with tray
BP-THT-MEM-256K	Memory cartridge - 256K Flash
BP-THT-MEM-512K	Memory cartridge - 512K Flash
BP-THT-MEM-1MB DRAM	Memory expansion - 1 MB w/daughter board DRAM (requires 512K IC DRAM)
BP-THT-MEM-3MB DRAM	Memory expansion - 3 MB w/daughter board DRAM (requires 512K IC DRAM)

Additional options available. Please contact factory for part numbers.

Bar Codes/ Symbolologies

- ▶ Code 39, Interleaved 2 of 5, Code 128 (subsets A, B and C), Codabar, LOGMARS, UPC-A, UPC-E, UPC 2 and 5 digit addenda, EAN-8, EAN-13, EAN 2 and 5 digit addenda, UPC RANDOM WEIGHT, Code 93, Plessey, Universal Shipping Container symbology, UCC/EAN Code 128, Postnet, PDF 417, Code 128 MOD 42, UPS Maxi Code, FIM, Telepen, Interleaved 2 of 5 MOD 10 and HIBC

Fonts and Graphics

- ▶ Nine alphanumeric fonts; scalable CG Triumvirate Bold Condensed; International character sets. Supports graphics in .PCX, .BMP and .IMG formats. All images and fonts expandable and rotatable; printed normal, reverse or mirror image.

Electrical

- ▶ 115 VAC or 230 VAC 60 Hz/50 Hz

Electronics

- ▶ Dual 32-bit microprocessors
- ▶ 1 MB standard RAM memory
- ▶ RISC processing technology

Physical

- ▶ Height: 11.38" (289mm)
- ▶ Width: 10" (254mm)
- ▶ Depth: 18.25" (463mm)
- ▶ Weight without options: 42lbs (19kg)

Communications Interfaces

- ▶ RS-232; RS 422 at 300 to 19,200 BPS; XON/XOFF, CTS/DTR

Environment

- ▶ Operating temperature: 40° to 105°F (4° to 40°C)

Options

- ▶ *Internal Rewind:*
5" (127mm) maximum O.D., label liner rewound in peel-and-dispense or both labels and liner rewound in batch mode
- ▶ *Front Panel Keypad/LCD:*
Six-key keypad, 2 row/16 character LCD
- ▶ *Cutter:*
Maximum thickness: 0.10" (.254mm)
- ▶ *256K and 512K FLASH Cartridges:*
For permanent storage of custom fonts, formats and graphics
- ▶ *DRAM Expansion:*
Up to 4MB for expanded print length, addressable memory and scalable font character cache
- ▶ *Parallel Adaptor:*
Converts Centronics Parallel-type data to RS-232

BRADYPRINTER™
MODELS 2024/2034
CONTINUEDModels 2024/2034
Factory-Installed Options

Part Number	Description
BP-THT-PS	Present sensor
BP-THT-C	Cutter with tray
BP-THT-MEM-256K	Memory cartridge - 256K Flash
BP-THT-MEM-512K	Memory cartridge - 512K Flash
BP-THT-MEM-1MB DRAM	Memory expansion - 1 MB w/daughter board DRAM (requires 512K IC DRAM)
BP-THT-MEM-3MB DRAM	Memory expansion - 3 MB w/daughter board DRAM (requires 512K IC DRAM)

Additional options available. Please contact factory for part numbers.

options

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Symbolologies

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- ▶ 115 VAC or 230 VAC 60 Hz/50 Hz

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Interfaces

- ▶ RS-232; RS 422 at 300 to 19,200 BPS; XON/XOFF, CTS/DTR

Environment

- ▶ Operating temperature: 40° to 105°F (4° to 40°C)

Options

- ▶ **Internal Rewind:**
5" (127mm) maximum O.D., label liner rewind in peel-and-dispense or both labels and liner rewind in batch mode
- ▶ **Front Panel Keypad/LCD:**
Six-key keypad, 2 row/16 character LCD
- ▶ **Cutter:**
Maximum thickness: 0.10" (.254mm)
- ▶ **256K and 512K FLASH Cartridges:**
For permanent storage of custom fonts, formats and graphics
- ▶ **DRAM Expansion:**
Up to 4MB for expanded print length, addressable memory and scalable font character cache
- ▶ **Parallel Adaptor:**
Converts Centronics Parallel-type data to RS-232

B

ADYPRINTER™ MODEL 4042



The Bradyprinter THT Model 4042 introduces major advances in on-demand thermal transfer printing technology – very high (406 dpi) resolution and extremely accurate registration. Engineered to meet the needs of small label printing, the Bradyprinter THT Model 4042 features advanced technology for printing high-resolution fonts, complex graphics and high-density 1 and 2D coded symbologies on labels from 0.1" to 2.5" (2.54mm to 63.5mm) wide.

The Bradyprinter THT Model 4042 is built to perform reliably, even in hostile industrial environments, and has the added security of Brady's worldwide service and support network.

- ▶ Best registration in the industry
- ▶ Produces 2.5 mil bar codes and 406 dpi graphics
- ▶ Faster read rates
- ▶ Higher data density
- ▶ 128K memory, expandable to 512K
- ▶ All-metal construction

Model 4042 Specifications

Print resolution	406 dots per inch (16 dots per mm) thermal transfer printer
Printhead	Adjustable to adapt to subtle changes in media
Maximum print width	2.50" (63.5mm)
Maximum liner width	2.70" (68.6mm)
Maximum print length	24.00" (610mm) standard
Maximum label roll diameter	8.38" (213mm)
Total thickness	.003" (.08mm) to .012" (.30mm)
Core diameter	3.00" (76mm)
Selectable print speeds	2" (51mm) to 4" (101.6mm)

Bradyprinter Model 4042

Part Number	Description
BP-THT-4042	Brady THT Model 4042
BP-THT-4042-R	Brady THT Model 4042 with rewind
BP-THT-4042-CR	Brady THT Model 4042 with cutter/rewind
BP-THT-4042-C	Brady THT Model 4042 with cutter

BRADYPRINTER™
MODEL 4042

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Part Number	Description
BP-THT-4042	Brady THT Model 4042
BP-THT-4042-R	Brady THT Model 4042 with rewind
BP-THT-4042-CR	Brady THT Model 4042 with cutter/rewind
BP-THT-4042-C	Brady THT Model 4042 with cutter

BRADYPRINTER™ MODEL 4042

CONTINUED

Model 4042 Factory-Installed Options

Part Number	Description
BP-THT-PS	Present sensor
BP-THT-C	Cutter with tray
BP-THT-MEM-256K	Memory cartridge - 256K Flash
BP-THT-MEM-512K	Memory cartridge - 512K Flash
BP-THT-MEM-1MB DRAM	Memory expansion - 1 MB w/daughter board DRAM (requires 512K IC DRAM)
BP-THT-MEM-3MB DRAM	Memory expansion - 3 MB w/daughter board DRAM (requires 512K IC DRAM)

Additional options available. Please contact factory for part numbers.

options

Ribbons

- ▶ Length: 6,000" (152m)
- ▶ Width: 1.0" of 2.8" (25.4mm or 71.1mm)

Bar Codes/ Symbologies

- ▶ Code 39, Interleaved 2 of 5, Code 128, Code 49, PDF 417, Code 93, Codabar, UPC/EAN, HIBC, Code One, Code 2 of 5, Code 11, HIBC Code 128, Code 16K, Maxi Code

Fonts and Graphics

- ▶ 21 resident bitmapped fonts, including OCR-A and OCR-B; 3 resident outline fonts; supports user-defined fonts and graphics

Electrical

- ▶ 110, 115, 220 or 230 VAC +/- 10%; 47-63 Hz

Electronics

- ▶ 32-bit Microprocessor
- ▶ 128K SRAM for storage, 512K DRAM for imaging, option 512K SRAM for storage

Physical

- ▶ Height: 10.9" (277mm)
- ▶ Width: 8.3" (211mm)
- ▶ Depth: 17.25" (438mm)
- ▶ Weight without options: 32lbs (14.5kg)

Communications Interfaces

- ▶ RS-232-C and RS-485

Character Set

- ▶ IBM® Code Page 850, ISO 256 character, Norwegian/Danish, Swiss, French, Italian, Spanish, UK ASCII, German, Swedish/Finnish, USA ASCII

Environment

- ▶ Operating temperature: 41° to 104°F (5° to 40°C)
- ▶ Storage/Transportation: -4° to 158°F (-20° to 70°C)
- ▶ 10% to 90% Non-condensing R.H.

Options

- ▶ Internal batch take-up adaptor
- ▶ Internal IBM® Coax or Twinax® adaptor
- ▶ RF Gateway (902-928 MHz)
- ▶ Ethernet®, Novell® NetWare®, or TCP/IP connectivity
- ▶ 512K NVRAM memory expansion
- ▶ Expanded font support
- ▶ Centronics® parallel
- ▶ Bitmap and outline Kanji/Katakana

BRADYPRINTER™ MODEL 4042

CONTINUED

Model 4042 Factory-Installed Options

Part Number	Description
BP-THT-PS	Present sensor
BP-THT-C	Cutter with tray
BP-THT-MEM-256K	Memory cartridge - 256K Flash
BP-THT-MEM-512K	Memory cartridge - 512K Flash
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- ▶ Centronics® parallel
- ▶ Bitmap and outline Kanji/Katakana

T

HERMAL TRANSFER PRINTER ACCESSORIES



The Bradyprinter™ Cleaning Kit is ideal for keeping thermal transfer printers in peak operating condition. The kit includes a precision duster, printhead cleaning solution, 100 cotton swabs and an adjustment tool.

Printer Cleaning Kit

Part Number	Description
PCK-2	Thermal Transfer Printer Cleaning Kit

Serial Cabling Kit

Part Number	Description
SCK-9	Serial Cabling Kit — 9 ft.

R

IBBON AND WIDTH CROSS-REFERENCE GUIDE

		Series 4300	Series 4400 (colors)	Series 4500 (colors)	Series 4600	Series 4800	Series 4900	Series 6000	Series 6100	Series 6200
A	Widths									
	1.57"	R4306				R4806		R6006		R6206
	2.36"	R4302	R4400	R4500		R4800	R4902	R6000	R6100	
	2.56"				R4602					R6200
	3.27"	R4300	R4402	R4502		R4802	R4900	R6002	R6102	R6202
	3.74"				R4600					
	4.33"	R4307	R4407			R4807		R6007	R6107	R6207
	5.12"	R4304	R4404				R4904	R6004	R6104	
	6.85"	R4308					R4908	R6008		
B	4.0" x 360'	R4301					R4901	R6001	R6101	
C	1.57" x 500'	R4303						R6003	R6103	
	2.36" x 500'	R4305						R6005	R6105	
	4.33" x 500'	R4309						R6009	R6109	

A- Ribbons for standard Brady printers B- THT Model 1024 C- Ribbons for THT Model 4042 and Intermec 3440 printers (Length 328 linear yards)

T

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R

IBBON AND WIDTH CROSS-REFERENCE GUIDE

Widths		Series 4300	Series 4400 (colors)	Series 4500 (colors)	Series 4600	Series 4800	Series 4900	Series 6000	Series 6100	Series 6200
A	1.57"	R4306				R4806		R6006		R6206
	2.36"	R4302	R4400	R4500		R4800	R4902	R6000	R6100	
	2.56"				R4602					R6200
	3.27"	R4300	R4402	R4502		R4802	R4900	R6002	R6102	R6202
	3.74"				R4600					
	4.33"	R4307	R4407			R4807		R6007	R6107	R6207
	5.12"	R4304	R4404				R4904	R6004	R6104	
	6.85"	R4308					R4908	R6008		
B	4.0" x 360'	R4301					R4901	R6001	R6101	
C	1.57" x 500'	R4303						R6003	R6103	
	2.36" x 500'	R4305						R6005	R6105	
	4.33" x 500'	R4309						R6009	R6109	

A- Ribbons for standard Brady printers B- THT Model 1024 C- Ribbons for THT Model 4042 and Intermec 3440 printers (Length 328 linear yards)

R

RIBBON MATERIAL CROSS-REFERENCE GUIDE

B#'s	Material	Series 4300	Series 4400 (colors)	Series 4500 (colors)	Series 4600	Series 4800	Series 4900	Series 6000	Series 6100	Series 6200
109	Tag	●								
341	PermaSleeve™	●								
342	PermaSleeve	●								
351	Vinyl	●								
400	Vinyl	△					△			●
402	Paper	△		△					●	
407	Polyolefin									● *UL/*CSA
408	Paper	●		△					△	
411	Tag	●								
412	Tag	△								●
421	Polyimide					●				
422	Polyester		△				△ UL	● UL/CSA		△
423	Polyester		△				△ UL	● UL/CSA		△
424	Paper	●		△					△	
425	Polyolefin			△						● UL/CSA
426	Polyimide	●								
427	Vinyl	△		△						●
428	Polyester	● UL/CSA		△						
430	Polyester		△				△ UL	● UL/CSA		△
432	Polyester		△				△ UL	● UL/CSA		△
433	Polyester		△				△	●		△
434	Polyester					△ UL/CSA	△ UL/CSA	● UL/CSA		△
435	Polyester						△ UL	● UL/CSA		△
436	Polyimide	●								
437	Tedlar	●								△
438	Polyester	● UL		△						
439	Vinyl		△				△	●		△
443	Polyester		△				△	● UL		△
445	Vinyl					●				
457	Polyimide							● UL		
458	Polyetherimide							● UL		
459	Polyester						△ UL/CSA	● UL/CSA		
464	Polyester							●		
473	Polyester							● *UL/*CSA		△
475	Polyester		△				△ UL	● UL/CSA		△
477	Polyimide							● *UL		
483	Polyester		△					● *UL/*CSA		△
487	Polyimide					△		● *UL		△
488	Polyester	● *UL/*CSA								
499	Nylon	△ UL/CSA					● UL/CSA			△
520	Glass Cloth				●					

●	Recommended ribbon for use with respective material.
△	Acceptable ribbon for use with respective material.
*UL	These materials are now in UL testing.
UL	These materials are UL recognized with its respective ribbon.
*CSA	These materials are now in CSA testing.
CSA	These materials are CSA approved with its respective ribbon.
UL/CSA	These materials are UL & CSA approved with its respective ribbon.

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. Brady offers a complete line of ribbons that are designed to cover all your label application requirements.

R

RIBBON MATERIAL CROSS-REFERENCE GUIDE

B#s	Material	Series 4300	Series 4400 (colors)	Series 4500 (colors)	Series 4600	Series 4800	Series 4900	Series 6000	Series 6100	Series 6200
109	Tag	●								
341	PermaSleeve™	●								
342	PermaSleeve	●								
351	Vinyl	●								
400	Vinyl	△					△			●
402	Paper	△		△					●	
407	Polyolefin									● *UL/*CSA
408	Paper	●		△					△	
411	Tag	●								
412	Tag	△								●
421	Polyimide					●				
422	Polyester		△				△ UL	● UL/CSA		△
423	Polyester		△				△ UL	● UL/CSA		△
424	Paper	●		△					△	
425	Polyolefin			△						● UL/CSA
426	Polyimide	●								
427	Vinyl	△		△						●
428	Polyester	● UL/CSA		△						
430	Polyester		△				△ UL	● UL/CSA		△
432	Polyester		△				△ UL	● UL/CSA		△
433	Polyester		△				△	●		△
434	Polyester					△ UL/CSA	△ UL/CSA	● UL/CSA		△
435	Polyester						△ UL	● UL/CSA		△
436	Polyimide	●								
437	Tedlar	●								△
438	Polyester	● UL		△						
439	Vinyl		△				△	●		△
443	Polyester		△				△	● UL		△
445	Vinyl					●				
457	Polyimide							● UL		
458	Polyetherimide							● UL		
459	Polyester						△ UL/CSA	● UL/CSA		
464	Polyester							●		
473	Polyester							● *UL/*CSA		△
475	Polyester		△				△ UL	● UL/CSA		△
477	Polyimide							● *UL		
483	Polyester		△					● *UL/*CSA		△
487	Polyimide					△		● *UL		△
488	Polyester	● *UL/*CSA								
499	Nylon	△ UL/CSA					● UL/CSA			△
520	Glass Cloth				●					

●	Recommended ribbon for use with respective material.
△	Acceptable ribbon for use with respective material.
*UL	These materials are now in UL testing.
UL	These materials are UL recognized with its respective ribbon.
*CSA	These materials are now in CSA testing.
CSA	These materials are CSA approved with its respective ribbon.
UL/CSA	These materials are UL & CSA approved with its respective ribbon.

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. Brady offers a complete line of ribbons that are designed to cover all your label application requirements.

CROSS-REFERENCE

MATERIALS CHART

Type	Max. Service Temp. °F (°C)	Use	Special Properties
GLASS CLOTH			
B-520	932 (500) *10 min.	High temperature work in process ID	Label is pressure sensitive at room temperature and becomes permanently affixed at temperatures above 400C
NYLON CLOTH			
B-499	194 (90) *30 days	Wire and electronic component marking	Permanent adhesive
PAPER			
B-402	158 (70) *30 days	Bar code and general labeling	Aggressive adhesive for bonding to corrugated, films, plastic and steel
B-408	70 (21) *30 days	Bar code and general labeling	Repositionable adhesive
B-424	158 (70) *30 days	Bar code and general labeling	Good contrast and smear resistance
POLYESTER			
B-420	230 (110) *30 days	Low profile labeling	UL recognized/CSA accepted
B-422	248 (120) *30 days	Electronic PCB and component; bar code label and rating plates	UL recognized/CSA accepted; 2 mil adhesive recommended for application on textured surfaces
B-423	248 (120) *30 days	Electronic PCB and component; bar code label and rating plates	UL recognized/CSA accepted
B-428	176 (80) *30 days	Rating plates; electronic component marking	UL recognized/CSA accepted
B-433	248 (120) *30 days	Electronic component and PCB marking; bar code label and general-purpose ID	Removable adhesive
B-430	212 (100) *30 days	General labeling rating/name plates	Translucent; UL recognized/CSA accepted
B-432	212 (100) *30 days	General labeling rating/name plates	Translucent; UL recognized/CSA accepted; 2 mil adhesive recommended for application on textured surfaces
B-434	194 (90) *30 days	Rating plates and general-purpose labeling	UL recognized/CSA accepted; 2 mil adhesive recommended for application on textured surfaces
B-435	212 (100) *30 days	Rating plates and general-purpose labeling	Designed to withstand solvents while maintaining excellent image quality; UL recognized/CSA accepted
B-438	104 (40) *30 days	Rating plates and general-purpose labeling	Metallized; leaves footprint when removed; UL recognized/CSA accepted
B-464	176 (80) *30 days	Long distance bar code scanning	Retro-reflective surface
B-473	356 (180) *5 min.	Electronic PCB and component; bar code labeling and rating plates	Static dissipative adhesive; UL recognized/CSA approved
B-475	419 (215) *5 min.	Top- or bottom-side board application for SMT or top-side in mixed process	High temperature material designed specifically for no-clean/low residue fluxes in PCB processing; UL recognized/CSA approved
B-483	212 (100)	General purpose labeling	Highest adhesion product for thermal transfer printing, designed for powder coated surfaces; UL/CSA
B-488	248 (120) *30 days	Electronic PCB and component; bar code label and rating plates	High performance matte white UL recognized/CSA accepted
POLYETHERIMIDE			
B-458	446 (230) *5 min.	Top- or bottom-side board application for SMT or Top-side in mixed processes	Opaque white; withstands the harsh environments associated with PCB processing; UL recognized
POLYIMIDE			
B-421	572 (300) *5 min.	Top- or bottom-side board application for SMT or Top-side in mixed processes	Low-profile construction for SMT/Through hole processing
B-426	572 (300) *5 min.	Top- or bottom-side board application for SMT or Through hole	Withstands extremely high temperatures
B-436	572 (300) *5 min.	Printed circuit board and component marking	Label will remove cleanly after high-temperature exposure
B-457	500 (260) *5 min.	Top- or bottom-side board application for SMT or Through hole	Good contrast and smear resistance; UL recognized
B-477	500 (260) *5 min.	Top- or bottom-side board application for SMT or Through hole	Static dissipative adhesive UL recognized
B-487	500 (260) *5 min.	Top- or bottom-side board application for SMT or Through hole	Excellent resistance to solder balling, matte finish UL recognized
POLYOLEFIN			
B-407	194 (90)	General purpose labeling	Clear Polyolefin
B-425	194 (90) *30 days	Bar code label and general labeling	Excellent abrasion and smudge resistance

materials performance / properties

MATERIALS CHART

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B-475	419 (215) *5 min.	Top- or bottom-side board application for SMT or top-side in mixed process	High temperature material designed specifically for no-clean/low residue fluxes in PCB processing; UL recognized/CSA approved
B-483	212 (100)	General purpose labeling	Highest adhesion product for thermal transfer printing, designed for powder coated surfaces; UL/CSA
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B-425	194 (90) *30 days	Bar code label and general labeling	Excellent abrasion and smudge resistance

materials performance / properties

MATERIALS CHART

CONTINUED

Type	Max. Service Temp. °F (°C)	Use	Special Properties
SLEEVE MATERIALS			
B-341 Polyolefin	275 (135)	Wire marking	3-to-1 shrink ratio flame-retardant; meets MIL-1-23053/5 class 1; MIL-M-81531; MIL-STD-202F; method 215 and UL 224
B-342 Polyolefin	275 (135)	Wire marking	2-to-1 shrink ratio flame-retardant; meets MIL-1-23053/5 class 1; MIL-M-81531; MIL-STD-202F; method 215 and UL 224
TAG MATERIAL			
B-109	120 (49) *30 days	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 Polyolefin	122 (50) *30 days	Tag material designed for general purpose marking	Resistant to water and chemicals
B-412 Polypropylene	212 (100) *30 days	Wire, cable and product inventory identification	Designed for outdoor and harsh environmental applications or where tensile strength is needed
TEDLAR®			
B-437	275 (135) *30 days	Aerospace and military cable marking	Flame-retardant; available in white or yellow
VINYL			
B-351	212 (100) *30 days	Tamper-evident labels	Flexible; solvent resistant; tamper-evident
B-400	175 (80) *30 days	Wire and electronic component marking	Repositional adhesive
B-427	158 (70) *30 days	Self-laminating wire and cable marking	Excellent abrasion and smudge resistance
B-439	104 (40) *30 days	Rating plates and general-purpose labeling	Available in 9 colors
B-445	104 (40) *30 days	IC tube and reel bar code ID; ESD shielding bag ID	Static dissipative adhesive

Tedlar® is a registered trademark of DuPont.

MATERIALS CHART

CONTINUED

Type	Max. Service Temp. °F (°C)	Use	Special Properties
SLEEVE MATERIALS			
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