

P-touch 7600

Abrasion Test: A 1kg sanding device was passed over Brother P-touch laminated labels, and non-laminated competitor labels. After 50 return passes the characters underneath the P-touch laminated label were completely unaffected and the lamination was only slightly scratched. The characters on the competitor labels were affected by this test

Strong Adhesive Test: Standard tape and extra strength adhesive tape were affixed to a variety of surfaces and left for 30 minutes. Adhesive strength was tested by removing the tape at an angle of 180 degrees. Our strong adhesive tape maintained an average of 50% more adhesive strength compared to standard tapes.

Chemical Test: Tapes were immersed in various liquids for 2 hours, and no change in the labels' appearance or structure occurred. Although some labels soaked in certain chemicals showed minor changes, rubbing the labels with the same chemicals had no effect at all. A 500g weight with a chemical and solvent infused cloth was passed over each label 20 times, and the print quality of P-touch laminated labels were unaffected, unlike the competitors' non-laminated labels.

Fade Test: Several Brother P-touch laminated labels were attached to coated metal plates and placed inside a fade-inducing chamber at 83°C and left for a period of 100 hours to simulate a year in sunny surroundings. The text colour remained unchanged and was still completely legible. To the naked eye, the tapes' background colour showed no change, except for the yellow tape which showed some slight fading.

Temperature Resistant Labels: P-touch laminated labels, slightly roughened with abrasive paper, were attached to stainless steel then heated and cooled. After 240 hours at -80°C no noticeable change in the tapes' adhesive or colour had occurred. After 240 hours at 150°C, despite slight discolouration, the text on the labels remained completely intact*. The black on matt silver tapes are most resistant to high temperatures.

*When tape is subject to extremely high temperatures for long periods, the laminate film may be separated or discoloured, or it may shrink. For more detailed information on the tests performed, please contact your local Brother office.

Tape Comparison Chart

3.5mm	6mm	9mm	12mm	18mm	24mm	36mm
Laminated - 8 metres						
TZ 111	TZ 121 TZ 122 TZ 123	TZ 131 TZ 132 TZ 133	TZ 141 TZ 142 TZ 143	TZ 151 TZ 152 TZ 153	TZ 161 TZ 162 TZ 163	
TZ 211	TZ 221 TZ 222 TZ 223	TZ 231 TZ 232 TZ 233	TZ 241 TZ 242 TZ 243	TZ 251 TZ 252 TZ 253	TZ 261 TZ 262 TZ 263	
TZ 318	TZ 321 TZ 322 TZ 323	TZ 331 TZ 332 TZ 333	TZ 341 TZ 342 TZ 343	TZ 351 TZ 352 TZ 353	TZ 361 TZ 362 TZ 363	
	TZ 421 TZ 422 TZ 423	TZ 431 TZ 432 TZ 433	TZ 441 TZ 442 TZ 443	TZ 451 TZ 452 TZ 453	TZ 461 TZ 462 TZ 463	
	TZ 521 TZ 522 TZ 523	TZ 531 TZ 532 TZ 533	TZ 541 TZ 542 TZ 543	TZ 551 TZ 552 TZ 553	TZ 561 TZ 562 TZ 563	
TZ 611	TZ 621 TZ 622 TZ 623	TZ 631 TZ 632 TZ 633	TZ 641 TZ 642 TZ 643	TZ 651 TZ 652 TZ 653	TZ 661 TZ 662 TZ 663	
	TZ 721 TZ 722 TZ 723	TZ 731 TZ 732 TZ 733	TZ 741 TZ 742 TZ 743	TZ 751 TZ 752 TZ 753	TZ 761 TZ 762 TZ 763	
Fluorescent - 5 metres Laminated						
	TZ B31 TZ C31 TZ D31	TZ B51 TZ C51 TZ D51				
Matt - 8 metres Laminated						
	TZ M31 TZ M32 TZ M33	TZ M41 TZ M42 TZ M43	TZ M51 TZ M52 TZ M53	TZ M61 TZ M62 TZ M63	TZ M71 TZ M72 TZ M73	
Non-Laminated - 8 metres						
TZ N201**						
Flexible ID tape - 8 metres Laminated						
TZ FX111	TZ FX121	TZ FX131	TZ FX141	TZ FX151	TZ FX161	
TZ FX211	TZ FX221	TZ FX231	TZ FX241	TZ FX251	TZ FX261	
TZ FX611	TZ FX621	TZ FX631	TZ FX641	TZ FX651	TZ FX661	
Strong Adhesive - 8 metres Laminated						
TZ S211	TZ S221	TZ S231	TZ S241	TZ S251	TZ S261	
TZ S611	TZ S621	TZ S631	TZ S641	TZ S651	TZ S661	
Iron on Fabric - 3 metres						
	TZ FA3 TZ FA33	TZ FA53 TZ FA533	TZ FA63 TZ FA633			
Tamper Evident - 8 metres Laminated						
	TZ SE4					
High Grade - 8 metres Laminated*						
	TZ HG 241					
Print head cleaning cassette - approx. 100 uses						
	TZ CL3	TZ CL4			TZ CL6	

Actual tape colours may differ slightly from the printed colours. Brother TZ tapes are supplied in standard 8m lengths. Exceptions are fluorescent (5m) and iron-on fabric tape (3m).
* Only for use with the PT-9500PC
** Only for use with machines with 3.5mm tape capability

Please refer to the Options/Consumables page at www.brother.com.au specific to your P-touch model to determine the tape width sizes compatible with your labeller.

Contact:

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All specifications subject to change without notice

**P-touch
EDGE
PT-7600**

Electronic labeller

Brother P-touch 7600

Always at your side

P-touch 7600

Technical Information

Hardware


Housing Dimensions	134mm(W) x 235mm(D) x 78mm(H)
Housing Weight	610g (without batteries and tape cassette)
Housing Design	Handheld Type
Housing Colour	Orange / Black
Keyboard	ABCD Layout
Number of Keys	56 keys
Cutter	Manual
Power	Rechargeable Batteries Pack (BA-7000), 6 x AA Alkaline (LR6) Batteries, 6 x AA Rechargeable Batteries or AC adaptor
LCD	132 x 48 dots Graphic Display with Backlight
Included Items	Carrying Case, User's Guide, Adjustable Neck Strap, Rechargeable Batteries Pack (BA-7000), AC- Adaptor, CD-ROM, USB Cable, 12mm Black on White Flex-ID cable 8m wrapping tape (TZ-FX231)
Tape Type	TZ-tape
Tape Size	6 / 9 / 12 / 18 / 24 mm
Print Head	180 dpi
Print Speed	10mm / second

Firmware

Built in Fonts	Helsinki
Characters	373
Symbols	164
Max. Print Height	18mm
Number of lines printable	Max.7 lines
Text Buffer	500 characters
Memory	Max. 2,000 characters
Character Sizes (pts)	Auto, 6, 9, 12, 18, 24, 36, 48
Character Widths	Normal / Narrow / Thin / Wide
Type Styles	Normal / Bold / Outline / Italic / Italic Bold / Italic Outline
Framing	15 kinds
Barcodes	CODE39, CODE128, EAN8, EAN13, EAN128, UPC-A, UPC-E, I-2/5(ITF), CODABAR
Mirror Printing	Yes
Block Printing	Yes
Repeat Printing	Yes (1-99)
Numbering	Yes (1-99)
Database Printing	Yes
Tape Margin Settings	2mm - 99mm
Transfer Function	Download Templates and Image Characters (Max.10) Download Database x 1
Battery Weak Indication	Yes
Auto Power Off	Yes
Print Image (Preview)	Only Layout Preview

Software

Label Editing Software	P-touch Editor ver. 5.0, P-touch Library 2.1
Operating System	Windows® 2000 Professional / XP / Windows Vista®
Interface	USB Port (USB Spec. 1.1 or 2.0 protocol) for transfer only



Choosing the correct TZ label tape for the job is crucial. This is why Brother has a range of tapes specifically designed for different labelling applications. By using our unique lamination process and specially developed adhesives, you can be sure that your labels will withstand the harshest conditions, year after year.

	FLAT SURFACE	LARGE CURVED SURFACE	SMALL CURVED SURFACE
TZ Laminated Tapes: Unlike ordinary labels, our unique laminated tape technology ensures that your text is sandwiched between a layer of super-clear polyethylene and the durable base layer. This makes these virtually indestructible labels resistant to sunlight, abrasion, moisture, chemicals, heat and cold.	Smooth ●	▲	×
	Textured ×	×	×
Strong Adhesive Tape: Our strong adhesive tape demonstrates 50% more adhesive strength on average compared to our standard tape, and is suitable for more demanding applications.	Smooth ●	●	×
	Textured ●	●	×
Flexible ID Tapes: Designed for wrapping around small diameter curved surfaces such as power cables and conduit/pipes they are also perfect where the label needs to be stuck onto itself (flagging).	Smooth ●	●	●
	Textured ×	▲	●

● Recommended ▲ Acceptable × Not Recommended

Built for professional use

The PT-7600 comes packed with features and functions that have been developed as a result of listening to our customers needs.

With a rugged and durable design, the machine comes with a protective rubber grip that not only offers protection, but also helps ensure the machine won't slip from your grasp. To further protect the unit, it is supplied in a robust carry case with storage space for additional tapes, accessories and the AC Adaptor.

P-touch 7600 includes:

- PT-7600 Industrial labelling tool with rubber impact guards
- 12mm Black on White Flexi-ID cable wrapping 8m tape
- Handy Carry Case
- Built-in rechargeable battery pack
- AC Adaptor
- USB cable
- Label editing / design software
- Neck/Hand Strap



Creating your own custom labels offers four key benefits to electricians, cable installers, and others in the professional trade:

- 1 Professional Installation**
Impress your customers with a professional, quality installation by creating detailed, easy-to-read labels that contain symbols, and even your own company logo.
- 2 Ease of Maintenance**
Reduce the time needed to diagnose faults by using Brother P-touch machines to clearly label cables and electrical or network components.
- 3 Ease of Operation**
Make life easy for your customers. Use Brother P-touch labels to clearly identify electrical components, network / telephone ports and faceplates, ensuring ease of operation and reducing the possibility of mistakes.
- 4 Safety**
Create professional warning signs and information labels to instruct your customers on key safety points.

P-touch PT-7600

E Easy to use, just type and print a label!

- Intuitive interface makes it simple to design the perfect label
- Smart tape technology automatically selects the font size and length of a label
- Simple label design tool helps you create the right label for your specific application

D Durable construction with rubber impact guards protects from expected bumps and rough handling

- Portable handheld design, weighs only 610g
- Comes with protective carrying case to hold labeler, AC adapter, batteries and extra tapes

G Great performance at an affordable price

- Versatile font options – From 1 line up to 62 point size, to 7 lines with up to 26 rotated characters* per line
- Prints industry standard (ANSI X3.182) bar codes
- Multiple power choices – batteries or AC adapter

E Extreme conditions requires tough P-touch laminated labels

- Ideal for commercial and industrial applications
- Includes UL recognized (UL969) labels for indoor/outdoor applications
- Resists extreme temperatures, chemical exposure, moisture, fading and abrasion

*Requires global character width set to narrowest setting

Benefits and features designed for electricians and cable installers

Easy-to-read backlit LCD display panel

Automatic numbering
Quickly and easily print labels that contain incrementing numbers. Perfect to identify a mass of cables!

Advanced cutter system
To ensure that your label is printed at the correct length, the PT-7600 has a special cutter system that will pause the printing at the required cut point. No scissors are required to cut the tape to the correct length!

Rechargeable Battery
Supplied with a rechargeable battery pack, the unit is easily charged overnight by simply plugging the AC Adaptor into the labelling machine, which helps to reduce the environmental impact and also saves you money. No more buying expensive batteries!

Create custom content and upload to the memory of the PT-7600
The PT-7600 includes a USB port and cable to allow connection to a Microsoft Windows based PC. Create your own label layouts and add your own AV and electrical symbols or your company logo using the supplied label design software. There are ten special memory locations on the device for storing your own customised images and label designs, so they are available whenever and wherever you want them.

Symbols
148 symbols (including typical Audio/Video symbols) are included as standard.

Easy label creation
A dedicated "Label Type" button allows you to quickly create labels for the most common electrical labelling applications.

