



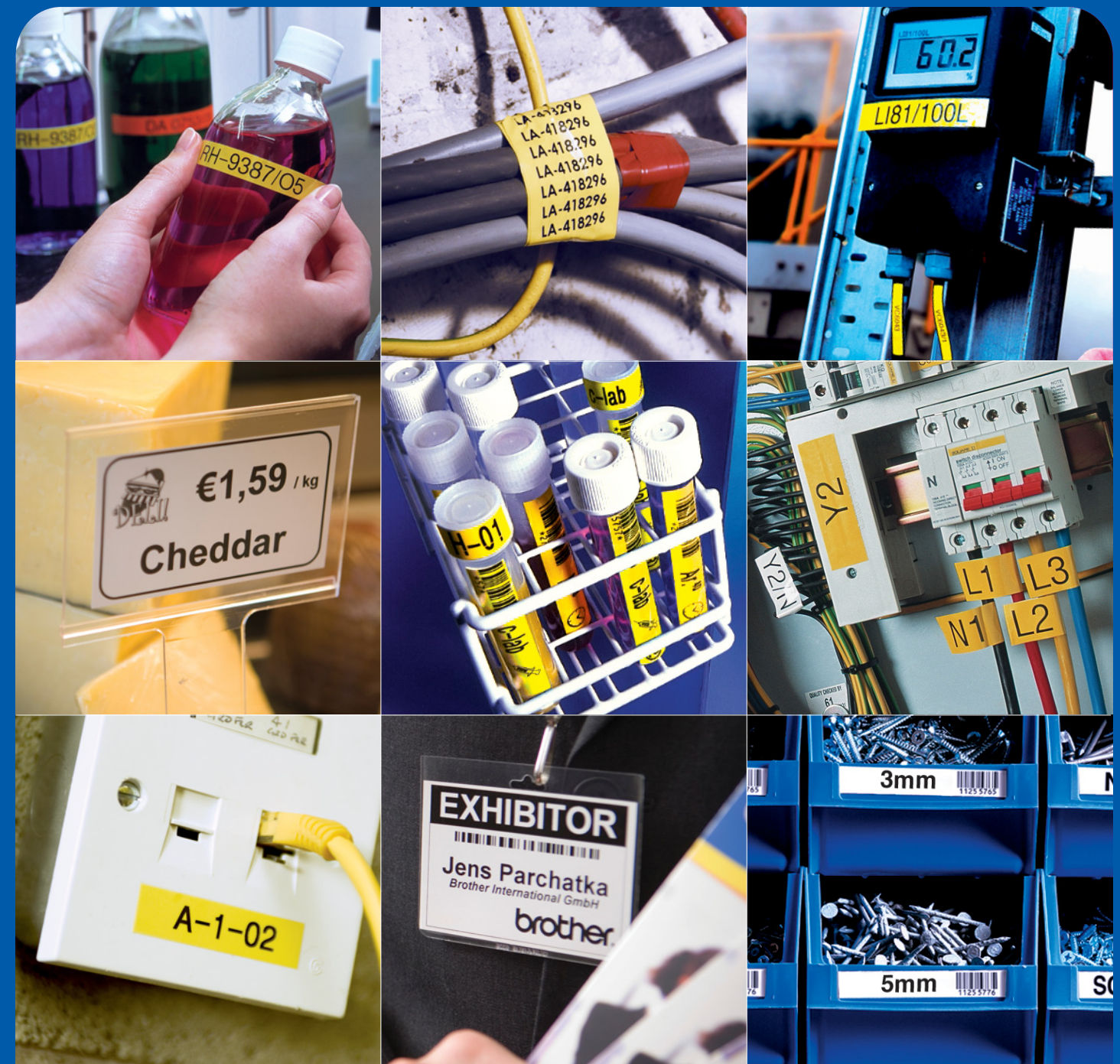
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www.P-touch.com



Organise, Identify, Simplify

Take advantage of your unlimited labelling possibilities



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Labels for P-touch QL Label Printers

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Organise, Simplify, Identify

Whether it's for the office, industry or just around the home, Brother P-touch labels are one of the quickest and easiest ways to organise your documents, equipment, workspaces and much, much more.



This brochure will introduce you to our various P-touch labelling solutions, tape varieties, and a selection of the most used labelling applications. It will also show you how key industries and home users use P-touch labels as an important tool to identify, organise and simplify their environment. It will also help you decide which solutions and tape combinations are suitable for your particular labelling needs.

Label examples in this brochure are for demonstration purposes only and may not be actual size.

Why choose Brother P-touch Solutions?

For more than 17 years, Brother has been providing customers world wide with electronic labelling solutions, and we have earned our reputation by developing robust, quality solutions that make our customers achieve the professional results required to stay ahead of the game.

Brother is at the forefront in the world of producing electronic labelling systems and operates worldwide. As a market leader, we use our competency and expertise to provide professional solutions to everyone, offering one of the broadest product line-ups in the labelling industry – from handheld portables to desktops and industrial models. As a consequence, millions are already in use in some of the world's leading companies.

In order to keep our position as the preferred labelling supplier, we continuously develop through innovation and by listening to our customers' needs. Our effective and easy-to-use labelling machines, as well as our laminated and speciality tapes, are all direct results of such innovative thinking.



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P-touch Labelling Solutions

Brother's P-touch labelling machines are divided into two categories: **Electronic Labellers** and **QL Label Printers**. You will notice that this book is divided in a similar way.



Electronic Labellers

The Electronic Labellers incorporate our largest range of machines and comprises everything from handheld models to PC connectable printers. Our Electronic Labellers use thermal transfer technology and are compatible with TZ, HG, and AL tapes*. Tape widths vary from 3.5mm to 36mm.

Handheld

Designed for portability, the handheld labelling machines are lightweight and easy to use. They make high quality permanent labels, and are great for both indoor and outdoor use. Batteries are the most common power source, but AC adapters are available, as well as carry cases for some models. Everything from domestic models to more robust industrial models can be found within this category of Electronic Labellers.



Desktop

The desktop Electronic Labelling models offer a combination of superior performance and great value for all general-purpose labelling. They offer built-in keyboards, large LCD displays and include a wide range of standard features. You will find everything from small domestic models to high-end industrial and office models, the latter being PC, and in some cases, MAC connectable.

* AL is a paper tape whilst TZ and HG tapes incorporate our patented, strong, scratchproof lamination technology.



P-touch Labelling Solutions

Mobile Desktop

Our mobile desktop models can be operated both as stand-alone and as PC connectable label printers, allowing for a high level of flexibility. When used as a stand-alone, all features are accessed through the built-in keyboard. When operated as a PC connectable label printer, all features are accessed through your computer as well as through the included P-touch Editor label design software.



PC Printer

Our PC label printers are designed so that labels are created exclusively on the PC/Mac by using your computer's keyboard. PC label printers come with the P-touch Editor label design software, a powerful program delivering great flexibility in label design.



QL Label Printers

QL Label Printers are PC/Mac connectable and use direct thermal transfer technology to print on DK pre-sized and continuous-length labels. These come in different widths and lengths for different applications. Sizes vary from 12mm in diameter for our smallest round labels, to 30.5m in length for our longest continuous labels. Connecting easily via USB to your computer, the QL Label Printers are optimised for convenient use by anyone who routinely uses Microsoft Word, Excel, or Outlook.



For more product information, please contact your local Brother sales office or visit us at www.P-touch.com.



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Explore the Endless Possibilities of Labelling

Today's P-touch labelling systems are the most feature-packed, versatile, practical, and easy-to-use labelling machines we've ever produced.

With virtually any Brother P-touch labeller your imagination is free to create and print labels to address almost any labelling application you might need.

There are a wide variety of styles, fonts, sizes and symbols, plus many other useful and unusual special effects and printing features. Built-in barcode protocols and common business, industrial and scientific symbols are also included on several of our industrial and professional models. With most of our high-end Electronic Labellers and all of our QL Label Printers, P-touch Editor label design software is included in the box. This gives you even more sophisticated design options.

Not all of the features and special effects that follow are available on all models. Therefore, to determine if the model you are considering purchasing has the features and effects you want, please consult your local Brother sales office, or visit us at www.P-touch.com.



Explore the Endless Possibilities of Labelling



Type styles	Type fonts	Type sizes
Normal Italic Normal Bold Italic Bold Outline Italic Outline Shadow Italic Shadow Solid Italic Solid Outline & Shadow Italic / Outline & Shadow STRIPE STRIPE ITALIC	Helsinki Brussels Bermuda Script Letter Gothic San Diego US Istanbul Florida Brunei Bold Los Angeles Calgary Belgium Oklahoma	ABCDEFHIJKabcdefghijl 6 Point ABCDEFgabcdefg 9 Point ABCDEabcde 12 Point ABCabcd 18 Point ABCab 24 Point ABa 36 Point ABc 48 Point AB 64 Point AB 72 Point A 91 Point (Capitals only)



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Special Label Effects

You can easily enhance your label design and satisfy specific labelling needs with the special effects already built into many of our P-touch label printers. Some of these effects include:

1. Vertical printing

This function is perfect for labelling support structures of racking and warehouse systems. You can also easily make labels for book and presentation binder spines.

2. Rotated printing

You can rotate text or images 90° and repeat print for a continuous “wraparound” label. This is perfect for curved surfaces, wires, cables and tubing.

3. Multi-line printing

On most models you can print multiple lines of text, as well as mix type sizes and fonts, on the same label.

4. Mirror printing

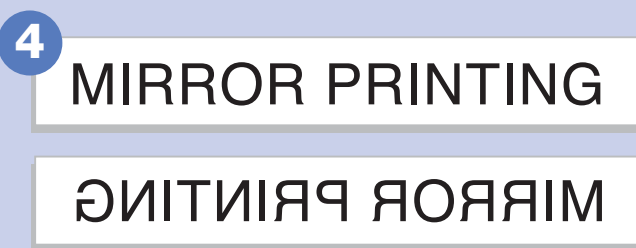
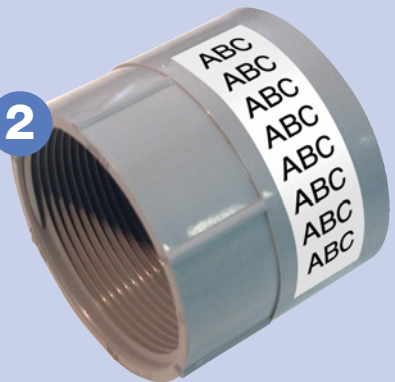
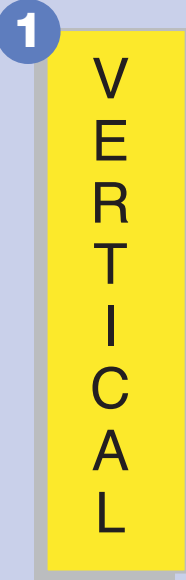
This is especially appropriate when you need to create a label to be affixed to the inside of a transparent surface to be read from the outside.

5. Text framing

This function is perfect for adding emphasis, or simply to isolate label elements.

6. Underlining

Many models also feature the ability to underline all or part of the text on a label.



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Explore the Endless Possibilities of Labelling

Symbols and Clip Art

Many of our P-touch models include symbols and clip art for business, industry and other applications.

Symbol Samples*



*Not all symbols are shown, and not all symbols are available on all P-touch models. To check availability for any particular model, contact your local Brother sales office.

Explore the Endless Possibilities of Labelling

Barcode Printing

Many P-touch label printers have built-in barcode protocols that allow you to generate barcode labels that meet ANSI x3.182 scanning requirements. Creating a barcode label with these P-touch models is easy. Simply choose the barcode format you require, key in the numbers and then press print.

This flexibility means that with a P-touch labeller you can make the barcodes you need – virtually anytime, anywhere, in the correct format, for the most widely used scanners. Also, with our PC compatible P-touch models, you have the possibility to choose from an even wider range of bar code protocols, available through our P-touch Editor label design software. The barcodes are best presented on our black-on-white, or black-on-mat silver tapes.

Barcode Samples

Barcode Samples

EAN-128	<i>Primary Use</i>
	Retail/Supermarkets
Code 39	
	Industrial & Commercial Applications
Code 128	
	Product Identification
ISBN-5 ISBN-2	
	Publishing, Libraries & Book Identification
Codabar	
	Libraries, Package Tracking, Medical, Blood Bank Industry
Interleaved2of5	
	Warehouse Inventory, Photo Finishing Envelopes, Airline Ticketing and Baggage

Barcode Samples

Barcode Samples

EAN-8	UPC-E	<i>Primary Use</i>
		Retail/Supermarkets
UPC-A	EAN-13	
		Retail/Supermarkets
Data Matrix		
		Manufacturing/Medical
PDF 417		
		Manufacturing/Shipping

Additional barcodes include:
Postnet, QR Code, Laser Barcode



Explore the Endless Possibilities of Labelling

Special Product Functions

Auto label cutters

All of our P-touch labellers have built-in label cutters, but some models even feature a built-in *automatic* label cutter. This automatic label cutter will cut your labels at a specified length, reducing tape waste, or automatically cut each label based on the length of text and graphics on it. This feature also allows you to print multiple copies unattended.

Auto half-cutter

With some P-touch Electronic Labellers you can select the option to cut through half the tape (applicable only for laminated tapes). This separates your printed labels, but keeps them all on the same piece of strip, as the backing paper will not be cut.

Real-time clock and calendar

Some P-touch models feature a built-in real-time clock and calendar, allowing you to automatically time-and-date stamp your labels. An ideal feature for many commercial, industrial, and retail applications, such as in plant maintenance, repair operations and for fresh food handling.

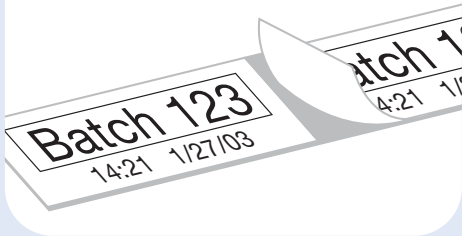
Auto numbering and sequencing

Several of our P-touch models offer this feature, which enables you to create and print a series of the same labels while automatically increasing alpha or numeric identifiers on each successive label. This is a great timesaver for many asset management and inventory-controlled labelling tasks. Even sequential barcode labels are possible.

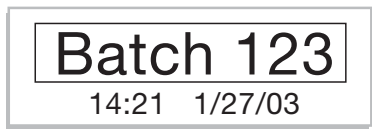
Cut it!



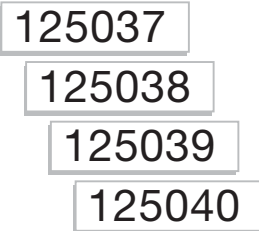
Peel it!



Mark it!



Number it!



Explore the Endless Possibilities of Labelling

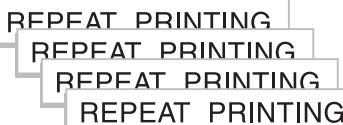
Repeat printing

Many of our P-touch models include the built-in capability to automatically repeat-print the same label on command, perfect for producing large volumes of the same labels automatically.

Block label format

Some P-touch models support block label formatting. This special formatting feature can be used to quickly print a label strip that contains blocks of information equally spaced – just right for labelling those tricky patch panels and faceplates.

Repeat it!



Block print it!



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P-Touch Electronic Labelling

Increasing workplace safety, improving efficiency and providing excellent customer service are crucial to the success of any business. Being able to manage your time better at home is also extremely valuable to any busy family. These are areas where Brother P-touch Electronic Labelling solutions can help.

On the following pages we offer specific examples of how key industries and home users are currently using P-touch tapes to help stay organised.



P-Touch Electronic Labelling at Work

Retail

Being organised is the only way to provide quality service. Retail businesses use P-touch labelling systems for everything, from printing name badges, to organising retail shelves and printing window signs.

Labelling shelves, bins, folders, and cabinets will help give employees the direction they need to complete tasks quickly. Also, with our P-touch electronic labellers, you can create on-demand professional name badges and name plates that can be changed instantly at a fraction of the cost of engraved badges.

By utilising the design features in some of our P-touch machines, bar coded labels and safety banners can be made instantly and in small quantities, helping you to control expenses. To produce professional window stickers, inventory tags, and merchandise signs, Brother's unique hard wearing TZ laminated labels are perfect. They can be wiped clean, keeping them looking professional at all times.



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P-Touch Electronic Labelling at Work

Office

Whether it's for a small business or a large corporation, Brother's P-touch labels can help to organise and distinguish important files, electrical equipment, and storage cabinets, as well as giving clear signage to employees, and visitors.

Because our labels come in many sizes and colour combinations, it greatly expands the range of application possibilities. Colour coded labels for filing cabinets will help employees to easily retrieve the right documents in an instant. Clear laminated labels can be a cost effective alternative to engraving name plates and badges. You can even photocopy original documents labelled with our clear, non-reflective, matt-finish tape, without facing the typical "black spot" problem on your copy.



P-Touch Electronic Labelling at Work

Warehouse and Distribution Centres

In warehouse and distribution centres, P-touch laminated labels offer a cost-effective solution for labelling inventory, property and assets. They are ideal for producing small quantities on demand, or for short production runs, unlike commercial labels that require large volume commitments. In fact, depending on which P-touch machine you are using, you can choose whether you want to make your labels in advance, via your P-touch printer or PC, or whether you want to create them on site as you go along.

With a P-touch labelling machine it is easy to produce barcodes with incremental numeric identifiers so that shipments can be easily identified, and quickly scanned upon arrival by your customer. There is a range of barcode protocols to choose from and our barcode labels meet ANSI X3.182 specifications. For more secure label applications, our P-touch laminated Security Tape includes a special tamper evident material which leaves a permanent indication if the label is tampered with or removed.



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P-Touch Electronic Labelling at Work

Medical and Laboratory

In an environment that involves chemicals, abrasion, extreme temperatures and moisture, it is very important to keep organised and to label equipment such as test tubes, storage containers and shelving units with a label that is durable enough to withstand harsh conditions.

That is why Brother P-touch labels are used in the medical and laboratory industries. Our laminated labels are tested to the extreme against abrasion, extreme temperature, chemicals and water submersion, and will therefore last through even the most extreme conditions without being affected.

Furthermore, P-touch labels come in industry standard colours for making on-the-spot safety labels for almost any size equipment. By linking to a Microsoft Access database, P-touch Electronic Labellers can quickly print ingredient or test labels with a current or future time and date, as well.

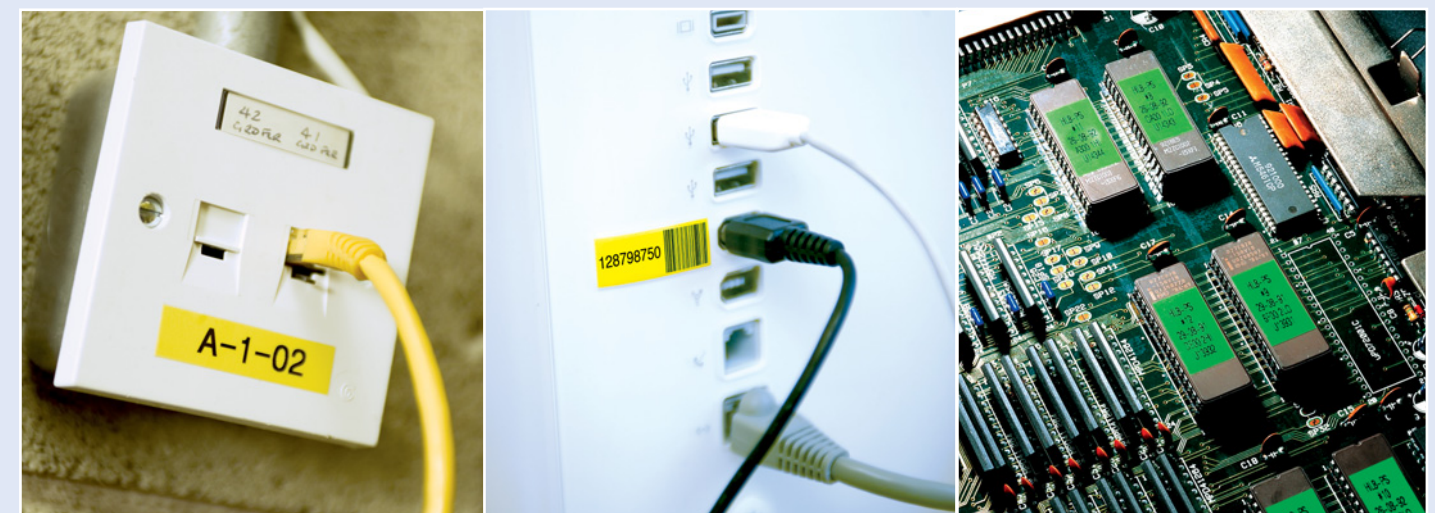


P-Touch Electronic Labelling at Work

Electrical and Telecom

Already a standard for labelling face plates with telephone, fax, network symbols and identification numbers for over 17 years, P-touch laminated labels are selected **because of their high quality and extreme durability**. P-touch Strong Adhesive labels are designed for slippery and textured surfaces and have a stronger adhesive, ideal for attaching to patch panels, hubs, routers, 10/100 switches, and 110 blocks. After installing and testing your CAT5 and fibre cables, P-touch Flexible ID tapes can also be used for wrapping or flagging the cables.

P-touch laminated labels are tested to withstand harsh environments like hot temperatures, direct sunlight, rain and humidity, and are therefore perfect for both indoor and outdoor labelling applications. P-touch labels come in a variety of practical colours, like fluorescent orange and yellow, useful for warning and caution safety labels.



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P-Touch Electronic Labelling at Work

School

Keeping the school environment as organised as possible will highly benefit the quality time spent with students, helping to keep them focused and attentive on what is important. Many schools and colleges use P-touch labelling systems to clearly label students' files and folders, shelves, desks, work folders, and also to create signs for students' attention, helping to make school life a little easier.

Also, as P-touch laminated labels are not affected by wear and tear, humidity, spillages of chemicals or water, heat, or cold, these labels are perfect for labelling school equipment such as test tubes, microscopes, chemical bottles and containers in the school's chemistry laboratory. It is easy to create caution signs which will stay in place in the shower areas. With our special washable Fabric tape, there should never be any doubt as to who is the owner of the school's team uniform. The labelling possibilities are endless!



P-Touch Electronic Labelling at Work

Home

Keeping the home tidy and organised at all times is something that most people aspire to, but few of us will manage. However, with Brother P-touch Electronic Labelling solutions you are on your way to achieving this. Labelling documents and items around the home can help you to become more organised and as such, it gives you more time to spend with family and friends.

P-touch laminated labels are resistant to water, heat, cold, chemicals, abrasion and sunlight. You can label motor equipment, chemicals, shelves in your garage, garden tools, children's toys, bikes, plants, or your kitchen spice jars. Only your imagination sets the limit. By using different colours, sizes, types and designs, you can make organising your home fun!



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Other Industries

Plant Maintenance and Repair Operations

The flexibility, portability and durability of our industrial P-touch labelling printers, combined with the P-touch labels' ability to withstand even the harshest conditions and environments, make plant maintenance labelling no task at all. By using our Strong Adhesive tapes, you can be sure the labels stick and remain stuck to even the most challenging surfaces, even if it is rough, textured, or uneven, whether heated or not. All of our laminated labels are highly resistant to dirt, grease, grime, and common industrial solvent like acetone.



Manufacturing

P-touch labelling systems produce low cost, professional, quality labels for applications in the warehouse, machine shop and factory. P-touch laminated labels have been tested to meet strict manufacturing requirements, including chemical exposure, extreme temperatures and abrasion. They can be integrated into a manufacturing resource planning system and produce laminated labels directly from a database for bin box and shelf labels, parts and sub-assembly number labels, wiring diagrams and serial number labels. P-touch laminated labels, which come in industry-standard colours, are perfect for pipe marking, on-the-spot safety labels, inspection and calibration stickers, window stickers and small signs.



Engineering

Whether you are at a project's planning stage with numerous revisions, re-designs and approvals, or at the final stage working at the actual project site, this business has possibly the widest range of application needs of them all. Thanks to the Brother range of P-touch tapes, we fit the needs of this industry perfectly. Our paper tapes are just right for office applications, and our laminated labels are designed specifically for harsh conditions, such as construction sites, for both indoor and outdoor use. These laminated labels are excellent for attaching warning and safety notices to heavy machinery and construction trailers.

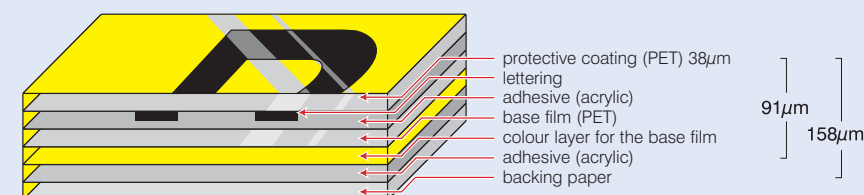


P-touch electronic labelling systems offer a wide variety of tape colours, widths and styles, for both laminated and non-laminated tapes. As standard, we provide you with as much as 8 meters length of tape, equivalent to approximately 100 labels!*

Your application needs and your choice of P-touch model should guide your ultimate tape selection. The information provided below, and the pages that follow, should help you determine the correct tape for your specific applications.

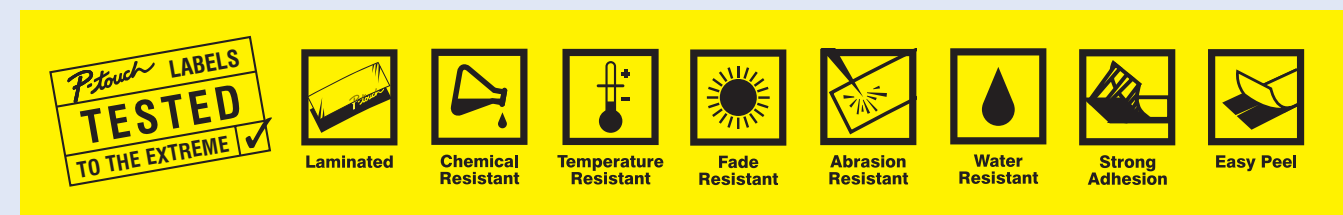
Scratchproof Laminated Tapes

Brother's P-touch laminated TZ labels have been designed to last wherever you use them. So, unlike ordinary labels, our unique laminated tape technology means that a layer of super-clear polyethylene is coated over the text to protect it from possible external damage.



The Brother P-touch laminated TZ tapes consist of six layers of materials, resulting in a thin, extremely strong label. Characters are formed with a thermal transfer ink and sandwiched between two protective layers of PET (polyester film). The result is a virtually indestructible label that can withstand even the harshest conditions.

* Exceptions are paper labels (7m), fluorescent tape (5m), and fabric tape (3m). Label length has been based on 10 characters and standard label length of 8cm.



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Labels for P-touch Electronic Labellers



Unique Cassette Technology

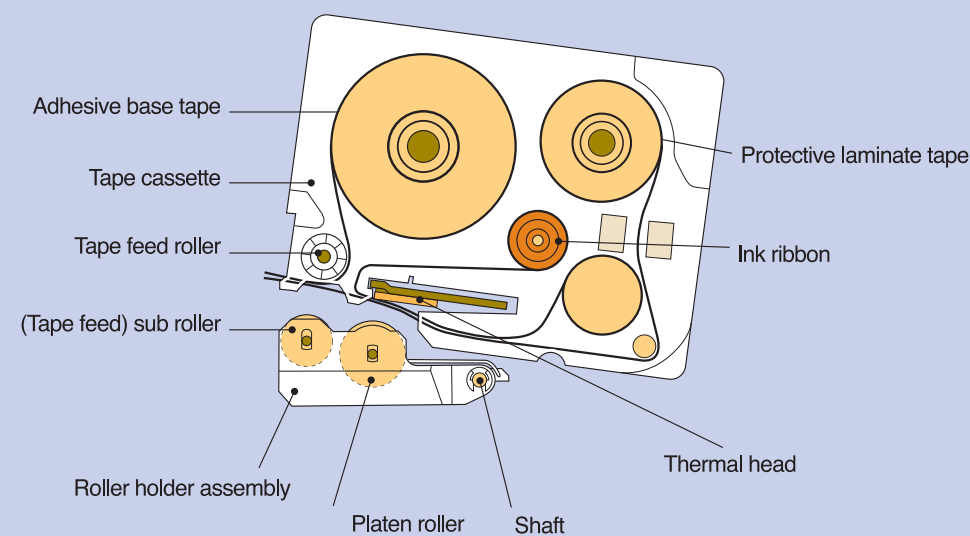
TZ laminated labels get their crisp appearance and superior durability from an ingenious technology.

Each easy-to-handle P-touch cassette holds three spools of material which come together to produce the world's best labels. The tape cassette is enclosed in a durable housing with sections for an ink ribbon, a protective laminate tape, and an adhesive tape.

A mirror-image transfer process is used to print to the underside surface of the protective laminate tape. The adhesive tape is applied by the cassette roller as the printed label exits.

The TZ tapes are packaged in interchangeable cassettes for quick loading and unloading

Cassette Design



TZ Tapes – these are our most widely used tapes and are used in the majority of our newer labelling machines. If you plan to use Electronic Labellers for a variety of applications in your organisation, or at home, TZ tapes are an excellent choice, giving you perfect reliability.



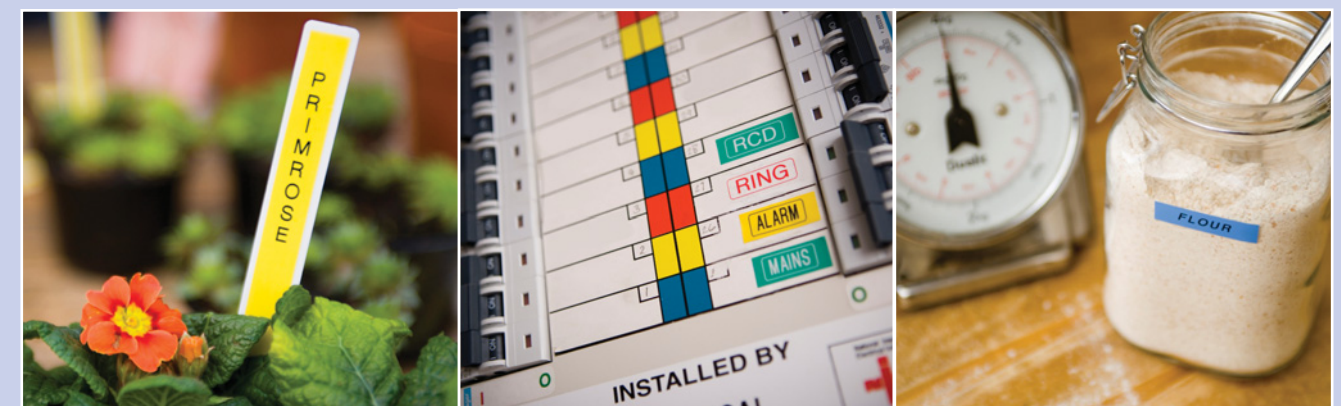
Labels for P-touch Electronic Labellers



TZ Standard Laminated Tape

Laminated	Adhesive	Applications
Yes	Standard Strength	<ul style="list-style-type: none"> Great for everyday indoor and outdoor use File folders Drawer labels Small signage Name badges Hazardous substances Equipment CDs, films and books Freezer items Storage jars Toy boxes

The most popular range of TZ tapes is the standard laminated. These tapes feature the largest variety of colours, styles and widths, and are perfect for everyday applications. As with all our laminated tapes, the labels will stay affixed in hot, cold, and humid/wet environments such as freezers, microwaves and dishwashers, without fading or falling off.



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Labels for P-touch Electronic Labellers



TZ Strong Adhesive Tape

Laminated	Adhesive	Applications
Yes	Extra Strength With up to 50% stronger adhesive than standard laminated tapes	<ul style="list-style-type: none"> • Uneven, rough & textured surfaces • Slippery painted metal surfaces • Powder-coated surfaces • Patch panels • Utility cabinets • Plant and MRO • Instruments • Safety labels



In many fields of industry you don't always have the luxury of working with perfectly smooth, flat surfaces that provide your label with maximum adhesive contact. Often the surfaces you are labelling are textured, rough or uneven, which means that your label is only adhering to "points" of the surface. So the actual adhesive strength of labels that work well on smooth surfaces is greatly reduced, sometimes by as much as half.

To compensate for this effect, our Strong Adhesive tapes are made with a more pliable adhesive that instantly fills recessed surfaces, making more surface area contact than our standard tapes. This is the secret of how our Strong Adhesive tapes can provide up to twice the adhesive strength for those difficult to stick to surfaces.



Labels for P-touch Electronic Labellers



TZ Flexible ID Tape

Laminated	Adhesive	Applications
Yes	Standard Strength Specifically formulated to stick to curved surfaces or to the tape adhesive itself	<ul style="list-style-type: none"> • Wrapping/flagging wires and cables • Sharp bends • Cylindrical surfaces • PVC piping • Conduits • Rods • Tubes

Using P-touch laminated labelling technology, Flexible ID tape* is made with special materials designed for labelling around sharp bends and cylindrical surfaces. Labelling over edges, around hydraulic and electrical connectors, or marking pipes, cables and wires, are all possible using this specially formulated tape. As this special adhesive sticks well to insulations and to itself, this label is perfect for wrapping around cables and wires.

*Not suitable as an electrical insulator



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Labels for P-touch Electronic Labellers



TZ Security Tape

Laminated	Adhesive	Applications
Yes	Standard Strength Tell-tale tamper evident adhesive	<ul style="list-style-type: none"> Property tagging Asset management Barcode labels Truck/ van keys Company tools Batch coding

This tape features a special tell-tale adhesive. If the label is removed, a checkerboard pattern will be left behind on the item and also on the tape. This makes it easy to see when a label has been removed from a piece of property and will prevent the label from being used elsewhere. This tape is available in black lettering on white tape only and is used primarily for property security applications.



Labels for P-touch Electronic Labellers



High Grade Tape (HG)

Laminated	Adhesive	Applications
Yes	Standard Strength Incorporates higher-quality ink allowing for high-speed printing at a maximum of 40mm per second. It also allows for high resolution printing at 360 x 720 dpi	<ul style="list-style-type: none"> Barcodes Visitor badges Name badges Part identification labels Any applications that require extra high-resolution labels Any applications that require high-speed printing

Within some industries, large quantities of printing are required for certain busy periods, putting emphasis on high speed. For others, an extremely good resolution is paramount. Our HG tape technology has been designed with both of these requirements in mind. Possessing all of the same features as our standard TZ laminated tape, this tape additionally allows for high speed printing or high resolution printing*.



A number of our TZ tapes have been tested by Underwriters Laboratories, a renowned independent testing laboratory. Our tapes have passed their rigorous safety standards and gained UL certification. For the latest certification details and a list of certified tapes please contact your local Brother office.

* Please note that these features cannot be performed simultaneously. The HG tape is only compatible with our high-end P-touch labelling model.



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Labels for P-touch Electronic Labellers

Non-Laminated Tapes

To make sure we meet all your application needs, no matter which environment it is for, we have also developed high quality, non-laminated tapes.

TZ Fabric Tape

Laminated	Adhesive	Applications
No	Strong enough to last multiple laundering and dry-cleanings	<ul style="list-style-type: none"> • Cotton cloth items • Bags and rucksacks • Work shirts • Uniforms • Display curtains • Aprons • Lab jackets • Bedding

To ensure that fabrics are labelled properly and securely, the TZ Fabric tape has been developed. This tape is not a film, but rather a specially formulated fabric. It is an extremely strong tape, just like all Brother TZ tapes, and will endure repeated laundering and dry-cleaning*. The label is easily applied by simply ironing it onto the cotton fabric.



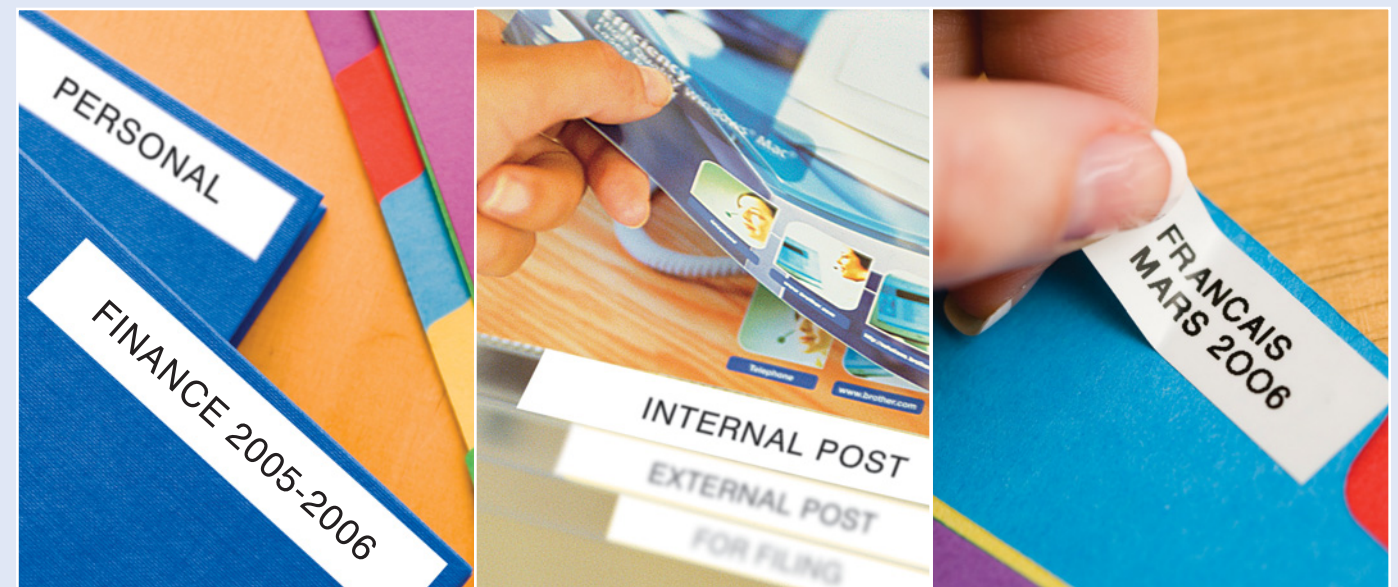
*Ensure label is correctly applied / will work on most types of cotton fabrics

Labels for P-touch Electronic Labellers

AL Paper Tape

Laminated	Adhesive	Applications
No	Standard Strength	<ul style="list-style-type: none"> • Documents • File folders • Storage jars • Name badges • Address labels • Return address labels • Media identification

P-touch AL Paper tape is perfect for indoor use, or more temporary labelling needs, such as visitor badges, files and folders, address labels or other short term applications. As this is a paper tape, it is excellent for general office and home application use.



P-touch

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brother

Tape Summary

3.5mm	6mm	9mm	12mm	18mm	24mm	36mm
Standard Laminated - 8m						
	TZ 111	TZ 121	TZ 131	TZ 141	TZ 151	TZ 161
		TZ 122	TZ 132		TZ 152	
		TZ 123	TZ 133		TZ 153	
						TZ 164
			TZ 135	TZ 145	TZ 155	
	TZ 211	TZ 221	TZ 231	TZ 241	TZ 251	TZ 261
		TZ 222	TZ 232	TZ 242	TZ 252	TZ 262
		TZ 223	TZ 233	TZ 243	TZ 253	TZ 263
		TZ 324	TZ 334	TZ 344	TZ 354	TZ 364
	TZ 315	TZ 325	TZ 335	TZ 345	TZ 355	TZ 365
		TZ 421	TZ 431	TZ 441	TZ 451	TZ 461
			TZ 435		TZ 455	
		TZ 521	TZ 531	TZ 541	TZ 551	TZ 561
			TZ 535		TZ 555	
	TZ 611	TZ 621	TZ 631	TZ 641	TZ 651	TZ 661
			TZ 635		TZ 655	
		TZ 721	TZ 731	TZ 741	TZ 751	
			TZ 735		TZ 755	
Fluorescent Laminated - 5m						
			TZ B31		TZ B51	
			TZ C31		TZ C51	
			TZ D31		TZ D51	
Matt Laminated - 8m						
		TZ M21	TZ M31		TZ M51	
Metallic Laminated - 8m						
			TZ 931		TZ 951	
			TZ M931		TZ M951	TZ M961
Non-Laminated - 8m						
TZ N201	TZ N211	TZ N221	TZ N231	TZ N241	TZ N251	
			TZ N631	TZ N641		
Flexi ID - 8m						
	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 Laminated - 8m						
	TZ S111	TZ S121	TZ S131	TZ S141	TZ S151	TZ S161
	TZ S211	TZ S221	TZ S231	TZ S241	TZ S251	TZ S261
	TZ S611	TZ S621	TZ S631	TZ S641	TZ S651	TZ S661
Fabric (Iron-on) - 3m						
			TZ FA3	TZ FA4B		
Security Laminated - 8m						
				TZ SE4		
High Grade Laminated** - 8m						
	HG 211	HG 221	HG 231	HG 241	HG 251	HG 261
Paper* - 7m						
					ALK 251	



TZ Labels Tested to the Extreme



Extensive testing has been performed to ensure that P-touch TZ labels are incredibly durable under all kinds of conditions. They hold up extraordinarily well – and stay crisp, legible and affixed – even when subjected to abrasion, extreme temperature, industrial chemicals and sunlight.

The following pages will show you exactly how our labels are tested to the extreme.

Abrasion Resistant Labels

Brother’s patented tape lamination technology ensures that Brother P-touch laminated labels can withstand even heavy abrasion.

The Abrasion Test Procedure

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 Brother P-touch laminated label were completely unaffected, and the lamination was only slightly scratched.

Abrasion Test Results

Brother P-touch laminated TZ label	✓	✓ = No effect on print quality
Most similar Competitor Label	✗	✗ = Print quality affected

ABCDE

Brother P-touch Laminated Label

ABCDE

Most similar Competitor Label



Actual tape colours may differ slightly from the printed colours. The availability of TZ tapes may also vary in different countries.

* Only for use with PT-9500PC and PT-2420PC

** Only for use with the PT-9500PC



TZ Labels Tested to the Extreme



Temperature Resistant Labels

Whether you want to use our labels in freezing conditions, or alternatively, in extremely warm environments, Brother P-touch laminated labels have been designed to last. We know this because we have tested them to the extreme. In fact, results show that our laminated labels can withstand temperatures from -80°C to 150°C.

The Temperature Test Procedure

Brother 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 tape adhesion or colour had occurred. After 240 hours at 150°C, despite slight discolouration, the text on the label remained completely legible and the heat actually increased the tapes' adhesive strength, due to a slight softening and spreading of the adhesive*. We recommend TZ-M931/951/961 (Black on matt silver) as these were the most resistant to high temperatures in terms of discolouration.

Test Results

Label performance after exposure to heat and cold

Temperature	Hours	Tape Condition
-80°C	240hrs	●
-30°C	240hrs	●
-0°C	240hrs	●
+50°C	240hrs	●
+100°C	240hrs	●
+150°C	240hrs	▲

● = no noticeable change
▲ = text is legible but there is some tape discolouration

*When tape is subject to extremely high temperatures for long periods the laminate film may be separated or discoloured, or it may shrink.



Test: Temperature
Temperature: 100°C
Duration: 240 hours
Labels: Brother P-touch Laminated Label



TZ Labels Tested to the Extreme



Fade Resistant Labels

Wherever you use P-touch laminated labels, they will stay as clear and legible as the day they were applied.

The Fade Test Procedure

Brother P-touch laminated labels, in various colours, were attached to coated metal plates and placed inside a fade-inducing chamber at 83°C. They were left for a period of 100 hours to simulate a year in sunny surroundings and then inspected for any obvious changes.

All characters were still completely legible. To the naked eye, the tapes' background colour showed no change, except for the yellow tape which showed some slight fading.

The Labels Before and After Testing

Test: Fade Meter
Duration: 100 hours
Temperature: 83°C
Labels: Brother P-touch Laminated Labels

Before Testing	After Testing
ABCDE	ABCDE
ABCDE	ABCDE
ABCDE	ABCDE

Test Results

Fade Meter (Time)			
Tape Colour	20h	50h	100h
Transparent	0.09	0.06	0.26
White	0.78	1.54	1.40
Red	0.52	0.86	0.80
Blue	0.59	0.92	1.39
Yellow	1.45	2.63	3.34
Green	0.52	0.91	1.10
Gray	0.44	0.51	0.82
Black	0.25	0.15	0.33

<3 = colour difference is very hard to detect to the human eye
>8 = colour difference is easily detectable to the human eye



TZ Labels Tested to the Extreme



Water and Chemical-Resistant Labels

Water and chemical resistance tests were conducted in two stages:

Stage 1: The water and chemical submersion test

Stage 2: The water and chemical abrasion test

Stage 1 Water and Chemical Submersion Test Procedure

To test Brother P-touch laminated labels against the effects of water and chemicals, the tapes were firstly attached to glass slides and immersed in a variety of liquids for 2 hours.

No change in appearance or structure of the labels occurred and the labels remained affixed to the slides.

Although some labels soaked in certain chemicals showed some changes, rubbing the labels with a cloth soaked in the same chemicals had no effect at all. So even if chemicals are spilt on your Brother P-touch laminated labels, a quick wipe should be enough to prevent any damage.

The Results for Brother P-touch Laminated Labels

Toluene	Hexane	Ethanol	Ethyl Acetate	Acetone	Mineral Spirit	Water	0.1N Hydrochloric	0.1 Sodium Hydroxide
•	•	•	•	•	•	•	•	•

• = no print discoloration

ABCDE

Test: Water and Chemical Submersion
Chemical: Ethanol
Duration: 2 hours
Labels: Brother P-touch Laminated Label



TZ Labels Tested to the Extreme



Stage 2 Water and Chemical Submersion Test Procedure

A Brother P-touch laminated tape was affixed to several glass plates. A 500g weight with a chemical and solvent infused cloth was passed over each label 40 times. As the results below show, the print quality of Brother P-touch laminated labels was unaffected, unlike our competitors' labels.

Test Results

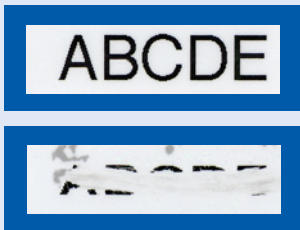
	Toluene	Hexane	Ethanol	Acetone	Ethyl acetate	Water	0.1N Hydrochloric	Mineral spirit	0.1 Sodium Hydroxide
P-touch Laminated Label	•	•	•	•	•	•	•	•	•
Most Similar Competitor Label	X	•	•	X	X	•	•	•	•

• = Print quality unaffected X = Print quality affected

Labels after Testing

Test: Chemical Abrasion

Chemical: Acetone



Brother P-touch Laminated Label

Most Similar Competitor Label



TZ Labels Tested to the Extreme



Strong Adhesion Labels

The Adhesion Test Procedure

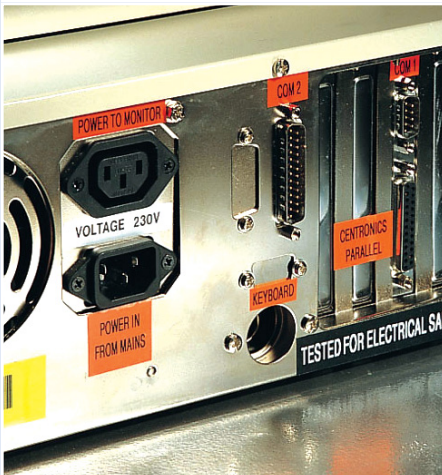
To test the adhesive strength of Brother P-touch laminated tapes, 12mm standard tapes and strong adhesive tapes were affixed to a variety of objects, all with different surfaces, and left for 30 minutes. Adhesive strength was tested by removing the tape at an angle of 180 degrees. This testing method complies with Japanese Standard JIS Z0237 testing for adhesive tape.

Test Results

The table explains that an adhesive strength of approximately 6 Newtons was maintained with most materials. Our Strong Adhesive tape maintained an average of 50% more adhesive strength, compared to our standard tape, and is suitable for more demanding surfaces such as polypropylene.

Results in Newtons for 12mm width tape

	Stainless Steel	Glass	PVC	Acrylic	Polypropylene	Polyester Coated Wood
Standard TZ Tape	7.6	7.2	8.6	6.9	3.3	6.4
Extra Strong Adhesive TZ Tape	10	10.1	11.5	11.5	7.4	11.5



P-touch QL Labelling

P-touch QL Label Printers are a new family of products among Brother P-touch labelling machines. In fact, the QL Label Printers have taken labelling to a whole new level. Whether you need one label, or lots of labels, it is the fastest, easiest, and most versatile way to print them, either directly from your PC – or stand-alone – in just seconds!

Brother has also developed a range of labels for the QL Label Printers to suit your specific labelling needs. Using DK labels, both die-cut and continuous-length, the varieties of labels you can create are endless. Choose from an extensive range of pre-sized labels, or simply take advantage of the opportunity to create your own label when using one of the continuous-length labels.



P-touch QL Labelling at Work

No matter how big or small your company, filing paperwork, sending letters and packages and organising your work environment are all part of the daily routine, and therefore make professional labelling an important part of everyday business life. However, for some companies, labelling is vital to their business. Whether it means labelling inventories, creating barcodes, printing shipping labels, keeping track of production or labelling test results from a laboratory, it is essential for such companies to rely on high-quality, cost-effective solutions.

This is exactly what Brother P-touch QL Label Printers have been designed for – to provide you with the highest-quality labelling solution, whether this means printing one-off labels, or semi-industrial production runs of labels. The key is simplicity and professionalism and you can be sure that all of Brother's labels stay at your side.



On the following pages you will find specific examples of how key industries are currently using our QL Label Printing solutions to help them stay efficient and professional in their respective dynamic and competitive environments.

P-touch QL Labelling at Work

Office

In any busy office, keeping track of vital documents, sending important letters and parcels and creating an organised work environment, are significant to their success. Because our QL Label Printers provide diverse labelling possibilities, high quality as well as cost-effective labels, many offices use Brother P-touch solutions as an important tool to help them stay ahead of the game.

Label your files and folders, filing cabinets, shelves, and workspaces with our die-cut labels. Create address labels in an instant, directly from your database in Microsoft Access, Excel or Outlook. You can even create visitor badges as a one-off, or in large quantities, from your existing database and include your company's logo, photo, or other graphics, giving them a professional finish. In addition, you can create clear or coloured banners and signage on our continuous-length tape to gain maximum attention. Also, by adding any common industry symbol to your text, the effect of the message can be enhanced, giving it even more impact.



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P-touch QL Labelling at Work

Warehouse and Postal Centres

Our QL Label Printing solutions offer warehouses, distribution and postal centres, cost-effective, professional-quality labels for the management of inventory, shipments, letters and packaging. Because high-quality barcodes and shipping labels are created on demand, either individually or in longer print runs, QL Label Printers are considered indispensable in these industries. High resolution printing means barcodes are given crisp text that will scan every time.

Labels for parcels and boxes, letters, shelves, bins, name badges, files and folders, can be printed from the same label printer. Industry-standard shipping labels, with any common barcode protocol, meeting ANSI X3.182 specifications, can be printed quickly and in larger production runs.

Even banners and signage can be easily created. Choose clear removable tape to create window signage, or coloured tape to draw attention in a warehouse. There is also a wide range of common industry symbols which can be printed on to the labels and signs, helping you communicate even more effectively.



P-touch QL Labelling at Work

Medical and Laboratory

In medical related industries, keeping an organised, clean and safe environment is of the utmost importance. As such, medical related industries use our QL Label Printers to ensure that the health and safety of patients is taken care of. This is done through labelling medication ingredients, samples, treatments, lab results, and patient records – all of which lays the very foundation for improving quality control and patient care.

QL label Printing solutions ensure low-cost, professional-quality labels everywhere from the admission desk, back office, laboratory, and pharmacy, to the patients' bedside. You have the ability to print the highest-quality barcodes and graphics, together with relevant unit dose, time & date, in seconds. X-rays, specimens, patient journals and files are efficiently labelled at the patients' point of care. Even employees and patients' visitor badges are printed quickly on demand. Include a photo, the company logo, or other relevant graphics, and you will give the badges the professional touch they need. Quite simply, whatever your needs, we will provide you with high-quality solutions.



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P-touch QL Labelling at Work

Deli and Food Industry

Keeping track of the freshness of food and labelling it appropriately and with the correct ingredients and prices are some of the many important and essential requirements within the food industry.

Food and grocery businesses use our QL Label Printing solutions because they know they can rely on high quality professional labels, printing ANSI X3.182 compliant barcodes in seconds and at low cost. With our QL Label Printing solutions you can print everything from name badges, food nutrition labels, price tickets, signage and window stickers. Depending on which model of QL Label Printer you choose, you can even time and date stamp your food, making it stress free to keep track of food expiry dates – to the benefit of both you and your customer.



P-touch QL Labelling at Work

Exhibition and Event Management

One of the most important aspects when creating exhibitions and events is to make sure that participants and companies are clearly identified and that visitors can be guided around as easily as possible in the event area.

Exhibition and event managers rely on our QL Label Printers for printing high-quality, high-resolution visitor badges at low cost. It is easy to create visitor badges with high-resolution photos, logos and graphics on our die-cut labels. Create and save your own visitor badge template in the P-touch Editor software, or just choose one of the templates already built-in. Print a series of badges, or one at the time. Also, print signage in yellow, clear or white, to direct your participants and visitors during the event. You can also add common industry symbols to communicate more effectively with your target audience.



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Labels for P-touch QL Label Printers

Labels for P-touch QL Label Printers

P-touch QL Label Printing solutions offer a wide variety of both die-cut and continuous-length labels, coming in lots of different sizes, types, and even in different colours. Not only can you choose which label type suits your needs the most, but also whether you want film or paper labels.

Your application needs and choice of P-touch QL Label Printer should ultimately guide your label size and selection. In the following pages useful information will be provided that should help you determine the correct label type for your specific application needs.

Direct Thermal Print Technology

Due to our labels' direct thermal technology no toner or ink costs are required, regardless of how many labels you print.

DK Film Technology

Brother's P-touch DK film labels have been designed to be tougher than paper labels and can withstand tearing and heavy abrasion thanks to the durable film technology applied to our labels. Our film labels have proven to be a trusted tool for most industries needing quick labelling for more demanding environments.

DK Paper Technology

Our paper labels have been designed with a special coating to help protect against accidental marks or scratches, making them more durable than ordinary paper labels. This very same coating also cleans the print head while printing, preventing any build-up of dirt and debris.

Unique Label Roll Technology

All our label rolls are mounted on a special roll guide. This ensures that the labels are installed correctly and also tells the machine and software which size of label is being installed. They cannot be inserted upside down, and the guide ensures that each label is printed straight, whatever size of label you produce.

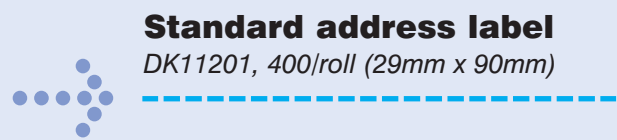


DK Die-Cut Labels

Label Material	Adhesive	Applications
Paper and Film	Standard Strength	<ul style="list-style-type: none">• Address Labels• Shipping Labels• Visitor Badges• Visitor Parking Labels• File Folders• File Cabinets• Part Marking Labels• Food Ingredients Labels• Barcode Labels• Price Tag Labels• Patient records

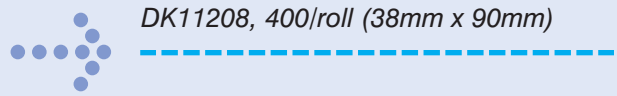
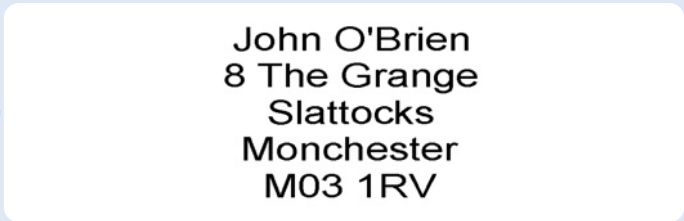
Brother offers a large variety of pre-sized labels for all indoor application purposes. Whether you need labels for your workplace or for your home, we have the labels to suit you.

Below is an overview of the range of DK die-cut labels to help you find the one appropriate for your particular needs:



Standard address label

DK11201, 400/roll (29mm x 90mm)



Large address label

DK11208, 400/roll (38mm x 90mm)




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Labels for P-touch QL Label Printers

Small address label

DK11209, 800/roll (29mm x 62mm)

BZ No.
0290 

Multi-purpose label

DK11204, 400/roll (17mm x 54mm)

TEST OK: 11/06/2006



File folder label

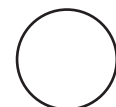
DK11203, 300/roll (17mm x 87mm)

DOSSIER CLIENTS 2006 A-M

CD/DVD label (Film)

DK11207, 100/roll (Ø 58mm)

EU SALES
PRESENTATION



LONDON SITE
2006

Round label

DK11218, 1000/roll (Ø 24mm)

OK
18/03/2006


Round label

DK11219, 1200/roll (Ø 12mm)



Labels for P-touch QL Label Printers

Mr Michael Smith
International Corp
Unit 17 Grange Estate
Monchester, M93 7UD

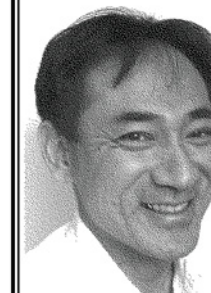
brother®

**Mr. Mike Bates
Tame House
Denshaw
Lincoln**

Shipping label

DK11202, 300/roll
(62mm x 100mm)

VISITOR



Mr. B. Lee
International Corp

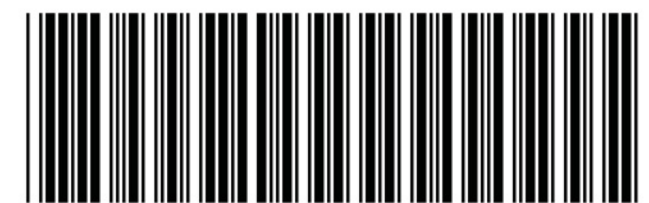
**13 MAR
2006**



Barcode label

DK11240, 600/roll (102mm x 51mm)

3176888928



3176888928

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Labels for P-touch QL Label Printers

Large shipping label
DK11241, 200/roll (102mm x 152mm)



Labels for P-touch QL Label Printers

DK Continuous-Length Labels

Label Material	Adhesive	Applications
Paper and Film	Standard Strength	<ul style="list-style-type: none">• Banners & Signage• Spines• Shelving• Barcode Labels• Address/Shipping Labels• Visitor Badges/ Parking Labels• Food Ingredients Labels• Price Tag Labels• Medical equipments• Test tubes and specimens

With our DK continuous-length labels, you can decide for yourself the length and width of your labels. You get unique flexibility to work with and can create almost any type of label you want by adjusting the size of the label, from 12mm to 1m, directly on your computer screen. The labels you create can be used for more or less any indoor application purposes, so whether it's for your workplace or your home, we have labels to suit you.

Below is an overview of the DK continuous-length labels that we offer, to help you find the one appropriate for your particular needs:

Continuous-length paper
DK22214, (12mm x 30.48m)

Barcode label with text: WH1/54/2

Continuous-length paper
DK22210, (29mm x 30.48m)

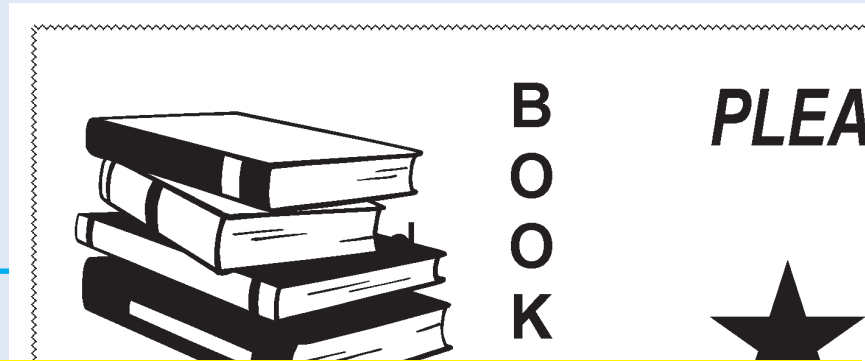
Conference rooms sign with hand icon

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Labels for P-touch QL Label Printers

**Continuous-length
paper** DK22205
(62mm x 30.48m)



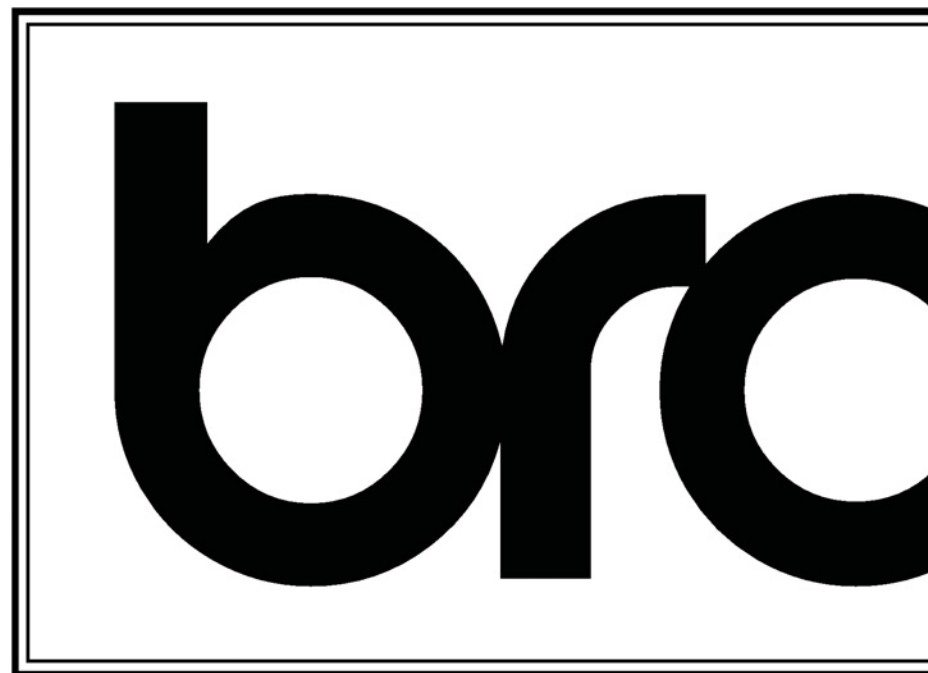
**Continuous-length
removable paper**
Yellow DK44605,
(62mm x 30.48m)



**Continuous-length
removable paper**
White DK44205,
(62mm x 30.48m)



**Continuous-
length paper**
White DK22243
(102mm x 30.48m)

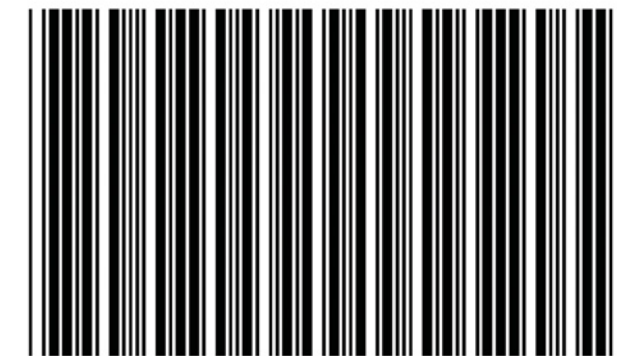


Labels for P-touch QL Label Printers

**Continuous-length
plastic film**
White DK22211
(29mm x 15.24m)



**Continuous-length
plastic film**
White DK22212
(62mm x 15.24m)

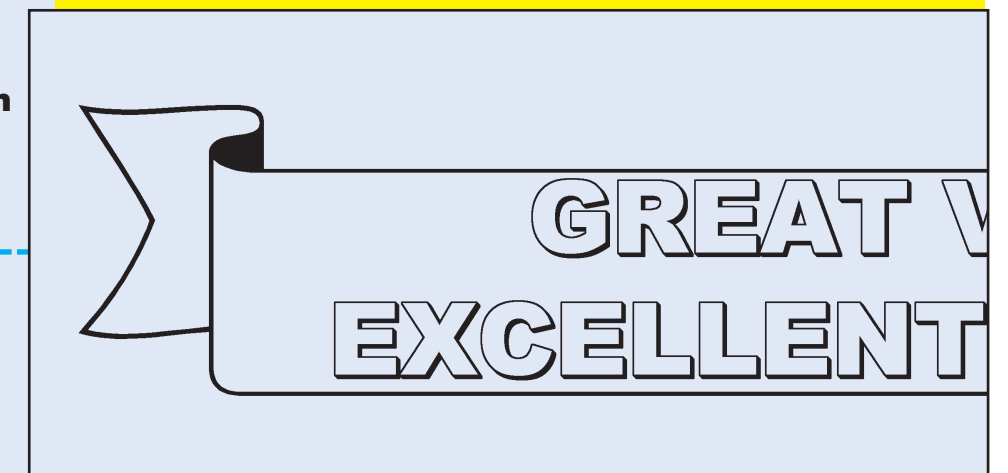


W/
5

**Continuous-length
plastic film**
Yellow DK22606
(62mm x 15.24m)



**Continuous-length
plastic film**
Clear DK22113
(62mm x 15.24m)



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Labelling Solutions Through Software

P-Touch Editor Label Design Software

All our range of stand-alone P-touch label printers allow quick and easy creation of labels through the built-in keyboard and LCD display. But if you create labels on a regular basis, or need to design labels with total flexibility in mind, we recommend you use a PC or Mac connectable label printer, coupled with one or more labelling software solutions suitable for your particular needs.

There are many labelling solutions available in the Brother P-touch range and all of them come completely free of charge. Certain software solutions are included in the label printer package, whilst other, more sophisticated solutions, can be downloaded free of charge from <http://solutions.brother.com> -- or you can simply request a software CD directly from your local Brother office. It's that easy!

The following pages will give you a brief introduction to the various labelling software programs that we offer our customers.

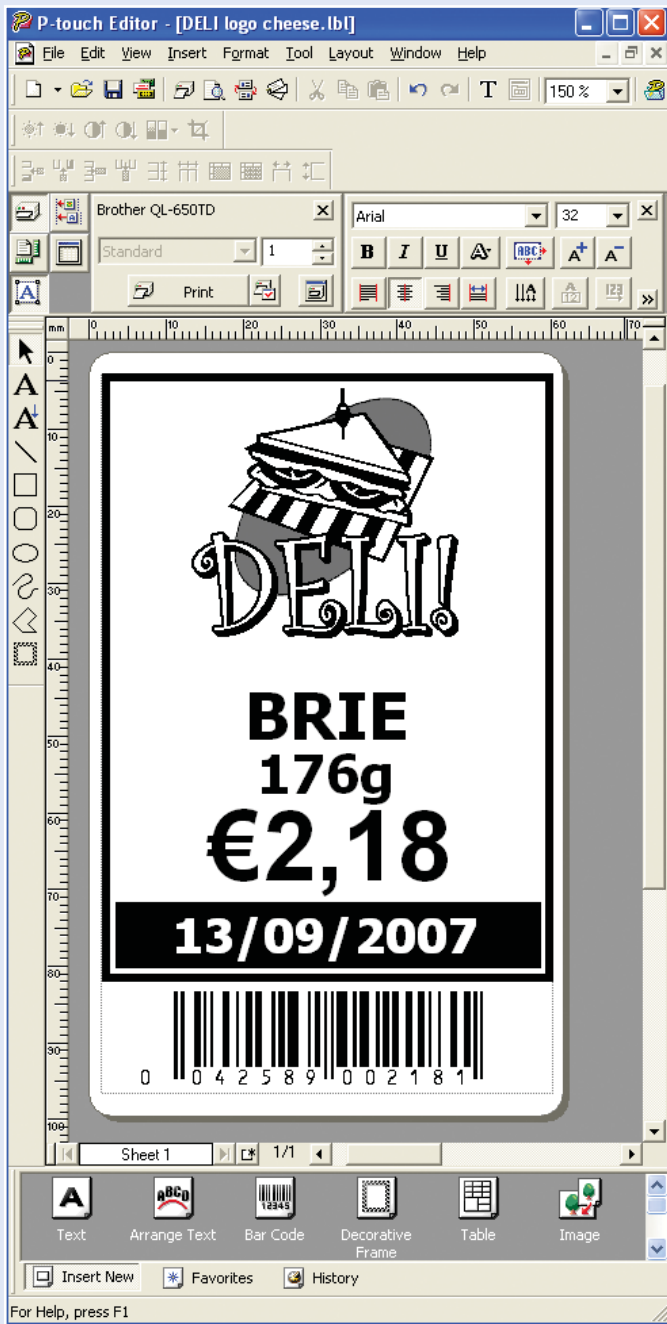
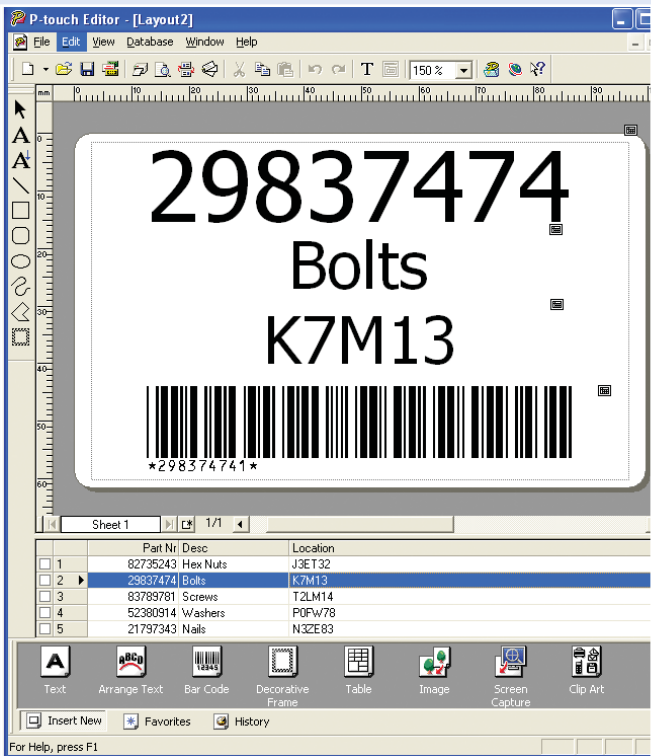


P-touch Editor is an advanced desktop publishing program for designing labels, in which you can add text, images, barcodes and frames onto your label. Position each piece of information on the label with pixel by pixel precision before printing. Your text uses the many fonts and styles available on your computer, and you can even connect to data held in your Microsoft Excel files and Access databases.

This extremely powerful label design software is provided in the box of all our PC and Mac compatible label printers at no additional cost, and has many advanced features, which include:

Barcode Support

Many industry-standard barcode protocols are included, such as CODE 39, CODE128, EAN8/13 and CODABAR. Also includes 2D barcode protocols such as Datamatrix, PDF417 and QR-CODE.



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P-touch Editor Label Design Software

DATABASE CONNECTION (PC)

Connect to a Microsoft Excel, Access or a text CSV file to print larger quantities of labels automatically – ideal for warehouses, logistics and stock control.

CLIP ART/SYMBOLS

Hundreds of clip-art images are included, useful when creating signage and banners on our continuous-length labels.

GRAPHIC IMAGE IMPORT

Support for the most popular graphic image formats such as jpg, bmp and tif. Include your company logo or specialist symbols on any labels produced.

AUTOMATIC DATE/TIME PRINTING

Add one or more dates and times to your label to show when the label was printed, or you can even let the software calculate and print a future date or time automatically, every time you print. Ideal for food or laboratory labels to show "best before" or "use by" date.

SCREEN CAPTURE (PC)

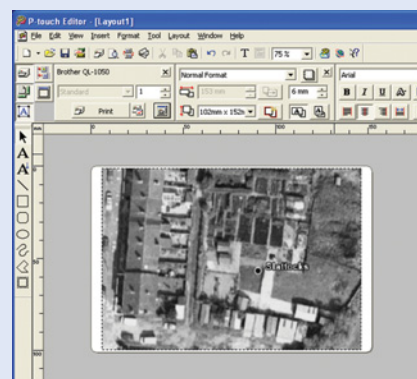
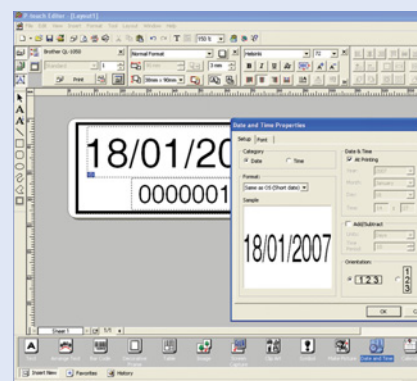
If you already have some information on-screen, such as a web page, click the screen capture icon. P-touch Editor is minimised, and your mouse pointer changes to a magnifying glass. Simply click and drag around the information required and P-touch Editor will import and automatically resize the captured screen area to the size of your label.

AUTOMATIC LABEL SIZE DETECTION

Whenever P-touch Editor is started, the software determines which label size is installed in the printer. P-touch Editor then sets the label size on screen to match the label size in the printer, thereby ensuring that your label prints exactly as expected.

TRANSFER MANAGER (PC)

Some of our advanced label printers have the facility to store label designs in their internal memory, which can then be accessed when the printer is disconnected from the PC. Design your label in P-touch Editor, and use Transfer Manager to upload the label design to the label printer



P-touch Editor Label Design Software

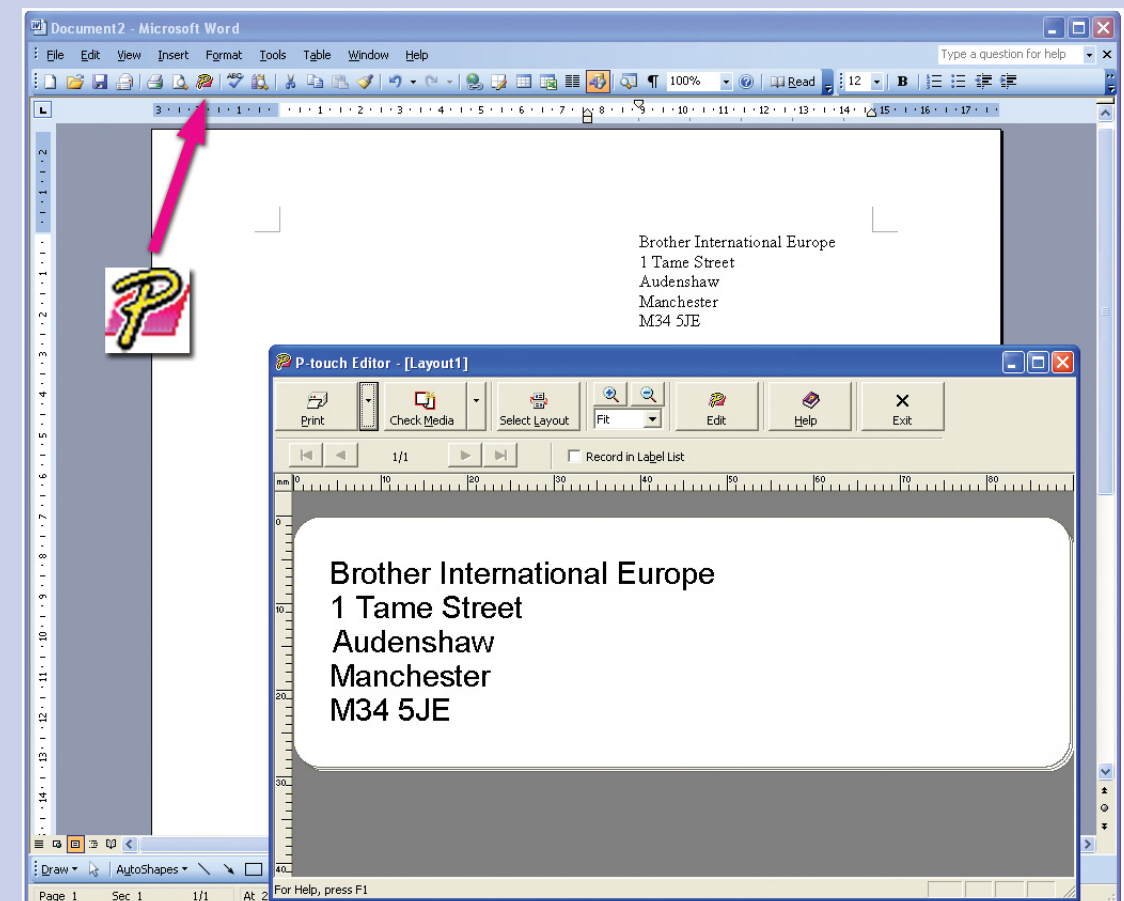
Add-In for Microsoft Word/Excel/Outlook (PC)

The latest version of P-touch Editor now enables label printing directly from Microsoft's popular software packages: Word/Excel/Outlook.

Simply highlight the required text or information directly within one of these programs, click the P-touch icon on the toolbar, and a preview of the label will be shown. Choose one of the in-built label design templates, if required, before printing your label. Ideal for address labelling.

Your design can use all the available TrueType fonts installed on your PC. Add text options such as outline, shadow or bold to add impact to your labels. Advertise your company by including your company logo on any labels produced.

When printing from Microsoft Excel, the built-in field editor gives you the power to easily position the text on your labels wherever it's required. This is ideal if you need to create easy-to-read labels containing part numbers, descriptions and location numbers.



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There is now a way for software developers to quickly and easily add P-touch label printing direct to their own applications, or to modify existing software solutions.

The Brother b-PAC Software Development Kit (SDK) is designed to work with Windows based software, and greatly simplifies the task of printing labels containing text, images and barcodes.

The user has no need to learn a new program to print labels – now it can be as simple as pressing a new “print label” button in their favourite Windows program.

B-PAC is supplied with some example programs in Visual Basic (VB), Visual Basic for Applications (VBA), Visual Basic Script (VBS), Visual C, and these can even print from a DOS command prompt within Windows.

There are two versions of b-PAC available:

- 1) **Developer version** containing user guide, sample programs and the b-PAC SDK itself.
- 2) **Runtime version** containing only the necessary files needed to make the final P-touch enabled program run on the intended user's PC (no sample files or documentation are installed).

The process of using b-PAC is very straightforward, and programmers can typically add the required label printing routines into their programs within a couple of hours.

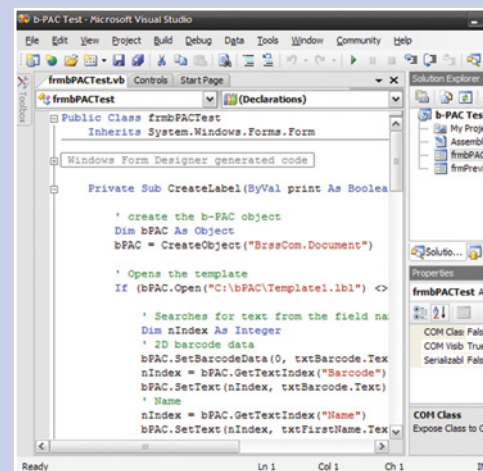
For software programmers, the development process to incorporate b-PAC into a software application is as follows:

STEP 1: INSTALLATION

Install the b-PAC SDK
Install the P-touch label printer driver
Install P-touch Editor label design software.

STEP 2: DESIGN

Use P-touch Editor to create the label design needed. Include images, frames, barcodes and any other items needed. Save this file to a folder on the computer.

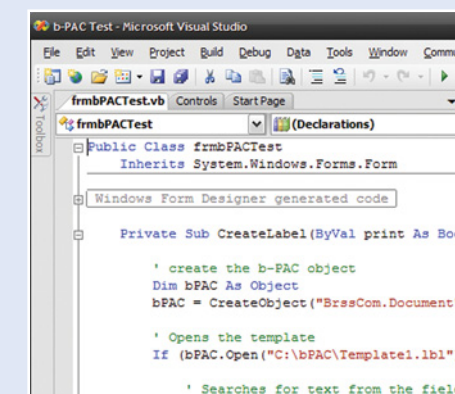


STEP 3: ADD PROGRAMMING CODE

Add the relevant lines of code to the application that requires label printing.

- Open a link between the b-PAC SDK and your software application.
- Gather the data that you need to add onto the label. This could come from keyboard input, or be loaded from a database.
- Instruct the b-PAC SDK to open the label design file saved earlier.
- Instruct b-PAC to send the data to the fields contained on the label design.
- Issue the command to print the label.
- Close the link to b-PAC.

The following simple b-PAC code was written in Visual Basic, to print name and company onto a name badge.



Dim b-PAC As Object

```
' Establish a link to b-PAC from this software application
Set b-PAC = CreateObject("BrssCom.Document")
' Open the saved label design
b-PAC.Open("C:\Label.lbl")
' Send the text the user has typed in the "Company"
text box
' to the label design
b-PAC.SetText 1, txtCompany.Text
' Send the text the user has typed in the "Name" text box
' to the label design
b-PAC.SetText 2, txtName.Text
' Print using the default options
b-PAC.DoPrint 0, "0"
' Remove b-PAC from memory
Set b-PAC = Nothing
```



B-PAC Software Applications

Software developers in many businesses and organisations across the world have harnessed the features of the b-PAC Software Development Kit to create their own label printing solutions, or to add this functionality to their existing software. Large multi-national organisations in the medical, pharmaceutical, retail, manufacturing, banking and service sectors have used b-PAC to save time and costs in their software development processes.

Two examples of solutions developed using b-PAC are a powerful visitor management solution, and a method of printing labels from SAP R/3 to a P-touch QL series label printer.

Visitor ID (PC)

Medium to large-scale businesses need some form of visitor management, but many of the current PC based solutions are both expensive to purchase and difficult to use.

With this in mind, a total visitor management solution was developed in the UK that allows easy capture of the visitors' details, including a photograph of the individual. Once entered into the system, the visitor badge is printed onto a QL label, along with the visitor's details for quick and easy identification.

Without b-PAC, the printing of text and photographs would mean many weeks of programming. B-PAC enables the programmer to add the label printing routine within a few hours, saving time and costs, and ensuring that the label is printed correctly every time.

SAP R/3 Output to P-touch Label Printers (PC)

A Japanese company required a solution to print shipping labels from SAP R/3 containing their customer addresses. After looking at the available label printers on the market, they developed a solution using b-PAC, to print labels from SAP R/3 to a QL label printer.

Now, whenever a shipping label is required, the SAP user simply clicks the "Print Label" button within their SAP report, and within seconds the label is printed and ready to be affixed to the parcel.

For further details on software related solutions, please contact your local Brother sales office or visit www.p-touch.com



Brother's Environmental Policy

Environmental issues, such as global warming and chemical substance contamination, cannot be solved by one country alone. However, getting the commitment from one global company can positively influence others to follow suit. Brother is a company that can be trusted to provide superior values to its customers, values which include not only product performance and quality, but also consideration for the environment.

Commitment to the environment is at the heart of Brother's policy. We take measures to be more environmentally friendly at all stages of our operations – from planning, development, design, procurement, production, sales, through to waste and recycling.

Not only do we take the environment seriously within Brother, but we also require our supplier networks to comply with our environmental standards as well. By doing so, a web is created to actively work with not only today's environmental challenges, but also future ones.

So, how do we work to conduct Environmental Activities?

Since concern for the environment is the cornerstone of all Brother operations, an Environmental Action Plan is designed every three years, setting environmental targets in all areas – manufacturing, production, and service.

In brief we commit to:

- 1) Reducing the environmental impact imposed by the Brother Group
- 2) Promoting the development of environmentally conscious products
- 3) Collecting & recycling waste products and supplies
- 4) Establishing and managing an environmental management system

We have also implemented our own "5R" concept, so that customers can be certain we take every precaution to spare the burden on the environment and to establish a recycling-oriented society.

The 5R Concept

Refuse	Avoid purchase of environmentally burdensome materials whenever possible
Reduce	Reduce waste material
Reuse	Reuse waste material without processing
Reform	Reform materials in a different form
Recycle	Reuse materials as resources

If you would like more information on how we look after the environment, visit us at www.brother.com



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