





Brother laminated TZe labels have been designed to last, wherever you use them

Whether you need a professional labelling solution for the office, industry or home, Brother laminated TZe labels have been designed with you in mind. We've thought about exactly when, where and how you might need to use our labels and put them through a series of tests which demonstrate how our laminated labels withstand heavy abrasion, heat, cold, sunshine, water and chemicals.



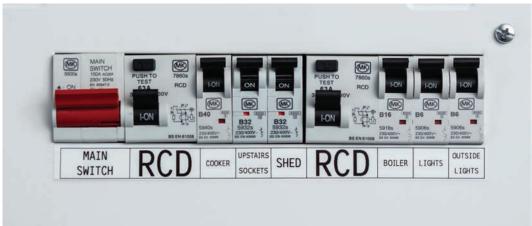






Brother laminated TZe labels



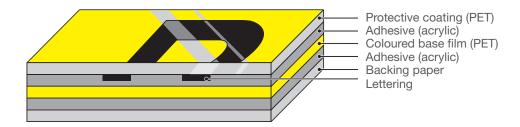






Why Brother laminated TZe labels withstand the test of time





When using Brother laminated TZe tape cassettes in our P-touch label printers, a clear polyethylene laminate layer is applied over the entire label and thermal transfer ink at the time of printing, unlike comparable competitor label printers.

Therefore Brother laminated labels offer an additional level of protection, ensuring your text and the valuable information contained on the label remains legible, even under harsh conditions such as long term use outdoors in sunny conditions.

And our team of engineers have developed dedicated tapes using adhesives and label materials for more demanding applications such as textured surfaces or wrapping around cables - ensuring your labels stay attached whatever your labelling needs.

The following pages show the tests that were performed and how our laminated labels were put through their paces.













Strong adhesion tests were conducted in two stages:

Stage 1: Adhesion to smooth and textured surfaces

Stage 2: Adhesion to various diameter curved surfaces

STAGE 1

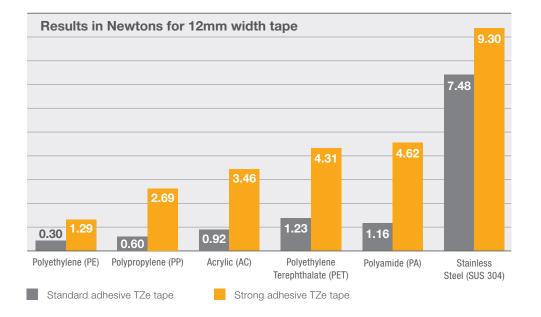
Adhesion to smooth and textured surfaces test procedure

To test the adhesive strength of Brother laminated TZe labels, Brother standard adhesive and strong adhesive laminated TZe labels were affixed to a variety of materials at room temperature and left for 30 days. After this period, adhesive strength was tested by measuring the force needed to remove the labels at an angle of 180 degrees.

The testing method complies with Japanese Standard JIS Z 0237 (2009) testing.

Test Results

The chart below details the amount of force needed (measured in Newtons) to remove Brother standard adhesive and Brother strong adhesive labels from the various materials. The higher the value, the stronger the tape was affixed to the material. As this test shows, when used on textured surfaces Brother strong adhesive labels maintained three times the adhesive strength of Brother standard adhesive labels on average. Brother strong adhesive labels have been specially developed to adhere to both smooth and textured surfaces, and on more demanding materials.





STAGE 2

Adhesion to various diameter curved surfaces test procedure

To test the adhesive strength of Brother laminated TZe labels, Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels were affixed to a variety of materials at room temperature and left for 14 days. After this period, the labels were visually inspected to note any peeling from the materials they were attached to.

Test Results

The table below explains that Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels showed no signs of peeling from the materials of 6mm or higher diameter. However, when the labels were wrapped or applied as a flag to the 3mm diameter material, the standard adhesive and strong adhesive laminated labels either showed signs of peeling or fell off completely. Only the Brother flexible ID labels showed no peeling.

Brother flexible ID labels have been developed for flagging and wrapping around wires, cables, pipes and tubes with a minimum diameter of 3mm, and should be used to ensure your labels stay affixed.

Brother self-laminating labels have the exact same properties as Brother flexible ID labels and can therefore also be used for wrapping around cables.

Brother strong adhesive labels should be used for applying to the surfaces of larger diameter curved surfaces.

	CURVED	SURFACE	WRA	PPED	FLAGGED
	Ø50mm glass beaker	Ø25mm glass beaker	Ø6mm PVC cable	Ø3mm Polypropylene tube	Ø3mm Polypropylene tube
Standard TZe tape	•	•	•	•	
Strong adhesive TZe tape	•	•	•	•	
Flexible ID TZe tape	•	•	•	•	•

- No peeling of label observed
- Some peeling of label observed
- Label peeled off completely









Water Resistant















Water Ch

Water and chemical resistance tests were conducted in three stages:

Stage 1: Water and chemical submersion **Stage 2:** Water and chemical abrasion

Stage 3: Pure water and 5% sodium chloride (salt) solution immersion

STAGE 1

Water and chemical submersion test procedure

To test Brother laminated labels against the effects of water and chemicals, Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels were firstly attached to glass slides and immersed in a variety of liquids for 2 hours at room temperature.

Test Results

Although some labels soaked in certain chemicals showed slight separation of the laminate, the table below explains no change in the print quality occurred and the labels remained affixed to the slides. So even if any of the chemicals tested are spilled on your Brother TZe laminated labels, a quick wipe should be enough to prevent any damage.

	Toluene	Hexane	Ethanol	Ethyl Acetate	Acetone	Mineral Spirit	Pure Water	0.1N Hydrochloric Acid	0.1N Sodium Hydroxide
Standard TZe tape			•						
Strong adhesive TZe tape		•	•				•	•	•
Flexible ID TZe tape	•		•			•	•	•	•

No print discolouration



Label after testing:

Label: Brother strong adhesive laminated TZe label

Chemical: Acetone





STAGE 2

Water and chemical abrasion test procedure

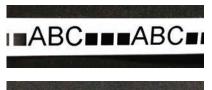
Next, Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels were subjected to a 200gf weight with a chemical and solvent infused cloth, which was passed over each label for 100 round trips. The labels were then visually inspected to note if any print quality problems were observed.

Test Results

As the table below demonstrates, the print quality of Brother TZe laminated labels was unaffected by being rubbed with various chemicals.

	Toluene	Hexane	Ethanol	Ethyl Acetate	Acetone	Mineral Spirit	Pure Water	0.1N Hydrochloric Acid	0.1N Sodium Hydroxide
Standard TZe tape		•	•				•	•	
Strong adhesive TZe tape	•	•	•				•	•	
Flexible ID TZe tape			•				•	•	

No print discolouration



Label before testing:

Label: Brother strong adhesive laminated TZe label



Label after testing:

Label: Brother strong adhesive laminated TZe label Chemical: 0.1N Hydrochloric Acid



Resistant



STAGE 3

Pure water and 5% sodium chloride (salt) solution immersion test procedure

The final test involved Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels being affixed to stainless steel plates which were then immersed in the two solutions. They were placed in a thermostatic chamber set at 40°C and removed after the predetermined periods shown in the table below. After that, the appearance of the labels was visually checked.

Test Results

As the table shows, even after 30 days immersed in pure water or 5% sodium chloride (salt) solution, Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels stayed perfectly attached and the print quality was unaffected.

	4 D/	AYS	10 D	AYS	30 D	AYS
	Peeling	Fading	Peeling	Fading	Peeling	Fading
Standard TZe tape	•	•	•	•	•	•
Strong adhesive TZe tape	•	•	•	•	•	•
Flexible ID TZe tape	•	•	•	•	•	•

No peeling of tape or fading of text observed



Label after testing:

Label: Brother strong adhesive laminated TZe label Liquid: 5% sodium chloride solution



Abrasion Resistance Test









Abrasion Resistance Test



Brother's tape lamination technology ensures that Brother TZe laminated labels can withstand heavy abrasion.

Abrasion resistance test procedure

Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels were attached to stainless steel plates with a BA (bright annealed) surface. Competitor non-laminated labels were also attached to plates made of the same material and surface finish.

A 1kgf sanding device was then passed over the labels with 50 return passes, at a speed of 40 round trips per minute.

Test results

As the table and images below demonstrate, even after 50 passes of the heavy sanding device, although the laminated surface on the Brother TZe tapes showed some wear, the characters underneath were unaffected and the text remained completely legible. The text on the non-laminated competitor labels was either completely illegible or showed signs of extreme wear.

	PRINT QUALITY	
Brother standard adhesive TZe tape	•	ABC
Brother strong adhesive TZe tape	•	ABC
Brother flexible ID TZe tape	•	ABC
Dymo industrial flexible nylon tape	•	- ABC
Brady nylon cloth tape	•	
Dymo industrial permanent polyester tape	•	
Dymo industrial vinyl tape	•	
Dymo D1 durable tape	•	
Dymo D1 standard tape	•	
Brady permanent polyester tape	•	
Brady vinyl tape	•	

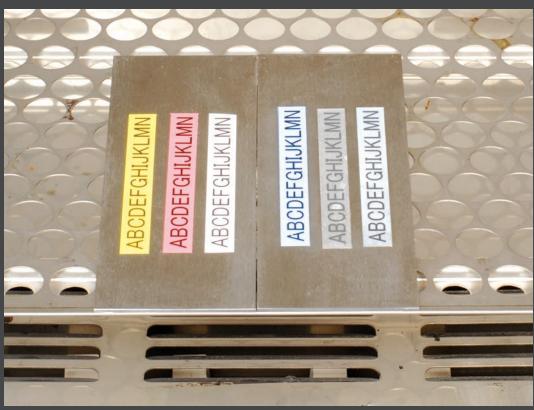
Print quality unaffected

Print quality affected

Print illegible



Temperature Resistance Test









Temperature Resistance Test



Whether you want to use our labels in freezing conditions or extremely warm environments, our labels have been designed to last. In fact, results show that Brother laminated TZe labels can withstand temperatures from -80°C to +150°C.

Temperature resistance test procedure

Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels were firstly attached to stainless steel and placed in a thermo-hygrostat chamber set under the test conditions, taken out after a predetermined time and returned to room temperature where the appearance of the label was visually checked.

Test Results

As the table below shows, after 3 days at -80°C no noticeable change in label adhesive or colour had occurred. After 2 days at +150°C, despite slight discolouration of the label, the text on the label remained completely intact*. We recommend Brother TZe-M931/951/961 black on matt silver laminated TZe labels as most resistant to discolouration under high temperatures, and Brother flexible ID laminated TZe labels as most suitable when used in an autoclave/sterilising unit.

TEMPERATURE	TIME	RESULT
-80°C	3 days	•
-30°C	30 days	•
+50°C at 90% RH	30 days	•
+100°C*	18 days	•
+150°C*	2 days	

* When used under extremely high temperatures or for long periods of time the laminate film may be separated, discoloured or shrink. If in doubt, request a free tape sample from Brother to perform your own testing.

No peeling of tape or fading of text observed

No peeling of tape observed. Text is legible but some tape discolouration observed



Fade Resistance Test





Fade Meter (Time - Δ E)

TAPE COLOUR	118h	236h	478h*
Transparent	9.66	15.69	24.69
White	0.83	1.58	3.18
Red	1.65	5.95	54.61
Blue	1.27	2.85	5.71
Yellow	22.59	55.57	57.2
Green	1.24	1.62	3.77
Fluorescent Orange	46.57	50.33	54.43
Fluorescent Yellow	81.02	85.09	84.66
Black	0.55	0.18	1.11
Extra Strength Adhesive - White	0.83	1.58	3.18
Flexible ID - White	1.49	2.35	3.94

*478 hours approximates to 1 year in outdoor sunny conditions

Fade Resistance Test



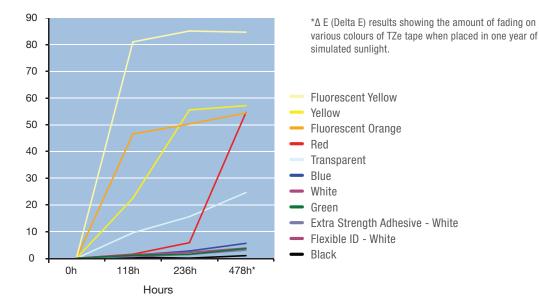
Wherever you use Brother laminated TZe labels, they have been designed to keep your text clear and legible for many years.

Fade resistance test procedure

Brother black on white strong adhesive and flexible ID laminated TZe labels, and various coloured Brother standard adhesive laminated TZe labels were attached to stainless steel plates and exposed to simulated outdoor UV radiation of approximately 12 months. After that, the appearance of the labels was checked, compliant with standard JIS K7350-2/ISO 4892-2.

Test Results

The printed text on all Brother laminated TZe tapes remained unchanged and was perfectly legible. The red, yellow and fluorescent tapes showed a larger change to the tape background colour compared with other tape colours, which showed little or no change. The higher the ΔE (Delta E) value, the larger the change in visual perception from the original colour.





Oil Resistance Tests

The protective laminate top-coat on Brother laminated TZe labels ensures your text is protected even when submerged or rubbed with oil. Oil resistance tests were conducted in two stages:

Stage 1: Oil immersion Stage 2: Oil rubbing

STAGE 1

Oil immersion test procedure

Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels were attached to glass slides and immersed in various oils at room temperature for 2 hours, and the change in appearance was checked visually after this time.

STAGE 2

Oil rubbing test procedure

Brother standard adhesive, strong adhesive and flexible ID laminated TZe labels were attached to glass slides and rubbed with oil-soaked cloths for 100 round trips, using a measuring element of 4.6mm (16.6mm^2) and a load of 200gf. After this test was completed, the change in appearance of the labels was checked visually. This test is in accordance with JIS-L-0849. (ISO 105-X12:2001 – Textiles-Tests for colour fastness-Part X12)

Test Results

As the table below shows, at the end of both tests no change to the print quality occurred, and the labels remained affixed to the slides.

		Honilo 981	Variocut B30	CareCut ES1	Hysol X	Alusol B	Syntilo 81E	Syntilo 9954
Standard	2 hour immersion	•	•	•	•	•	•	•
TZe tape	100 round trips rubbing	•	•	•	•	•	•	•
Strong	2 hours immersion	•	•	•	•	•	•	•
Adhesive TZe tape	100 round trips rubbing	•	•	•	•	•	•	•
Flexible	2 hours immersion	•	•	•	•	•	•	•
ID TZe tape	100 round trips rubbing	•	•	•	•	•	•	•

No change to print quality and label remained affixed to the slides

Autoclave Resistance Test



Brother flexible ID laminated TZe labels demonstrate excellent adhesion and text legibility, even after several passes through the harsh environment of an autoclave sterilisation chamber.

Autoclave resistance test procedure

A Brother flexible ID laminated TZe label was affixed to flat and smooth stainless steel at room temperature. The condition of the label was observed after it was processed in an autoclave under the following test conditions:

Autoclave test machine:

Steam steriliser GETINGE HS22

Test program:

B cycle P11 *EN (European Standard) prEN13060 standard compliant

Pre-vacuum:

4 times

Sterilising temperature:

134°C

Sterilising duration:

5 minutes

Drying duration:

20 minutes

Test Results

The table below shows the high durability of our Brother flexible ID laminated TZe labels during the test. After several process cycles, some slight label discolouration and separation of lamination film was observed. Nevertheless, the printed text stayed legible.

FLEXIBLE ID TAPES	1 cycles	5 cycles	10 cycles	20 cycles	30 cycles
Print quality	•	•	•	•	•
Label peeling	•	•	•	•	•
Tape discolouration	•	•	•	•	•
Separation of laminate film	•	•	•	•	•

- No noticable change
- Slight changes observed

Brother Tape Range

	6mm	9mm	12mm	18mm	24mm	36mm
TZe Strong Adhesive Laminated - 8 metres						
Black on white	TZe-S211	TZe-S221	TZe-S231	TZe-S241	TZe-S251	TZe-S261
Black on transparent		TZe-S121	TZe-S131	TZe-S141	TZe-S151	
Black on yellow		TZe-S621	TZe-S631	TZe-S641	TZe-S651	TZe-S661
TZe Flexible ID Laminated - 8 metres						
Black on white	TZe-FX211	TZe-FX221	TZe-FX231	TZe-FX241	TZe-FX251	TZe-FX261
Black on yellow	TZe-FX611	TZe-FX621	TZe-FX631	TZe-FX641	TZe-FX651	FX661
TZe Self-Laminating - 8 metres						
Black on white					TZe-SL251	
Black on yellow					TZe-SL651	
TZe Security Laminated - 8 metres						
Black on white				TZe-SE4	TZe-SE5	
STe Stencil - 3 metre						
Black on white				STe-141	STe-151	
	5.2mm	9mm	11.2mm	21mm	31mm	

HSe-261E HSe-661E

HSe-251E HSe-651E

HSe-231E HSe-631E

HSe-221E HSe-621E

HSe-211E HSe-611E

HSe 3:1 Heat Shrink Tube - 1.5 metres

Black on white

Brother Tape Range

	3.5mm	6mm	9mm	12mm	18mm	24mm	36mm
Standard Laminated - 8 metres							
Black on white		TZe-211	TZe-211	TZe-231	TZe-241	TZe-251	TZe-261
Black on transparent		TZe-111	TZe-121	TZe-131	TZe-141	TZe-151	TZe-161
Black on yellow		TZe-611	TZe-621	TZe-631	TZe-641	TZe-651	TZe-661
Black on red			TZe-421	TZe-431	TZe-441	TZe-451	TZe-461
Black on blue			TZe-521	TZe-531	TZe-541	TZe-551	TZe-561
Black on green			TZe-721	TZe-731	TZe-741	TZe-751	
Blue on white			TZe-223	TZe-233	TZe-243	TZe-253	TZe-263
Red on white			TZe-222	TZe-232	TZe-242	TZe-252	TZe-262
Red on transparent				TZe-132			
Blue on transparent				TZe-133			
White on transparent				TZe-135			
White on black		TZe-315	TZe-325	TZe-335	TZe-345	TZe-355	
White on blue				TZe-535		TZe-555	
White on red				TZe-435			
Gold on black				TZe-334	TZe-344	TZe-354	

Brother Tape Range

	3.5mm	emm	9mm	12mm	18mm	24mm	36mm
Fluorescent Laminated - 5 Metres							
Black on fluorescent orange				TZe-B31		TZe-B51	
Black on fluorescent yellow				TZe-C31		TZe-C51	
Matt Laminated - 8 Metres							
Black on transparent				TZe-M31			
Metallic Laminated - 8 Metres							
Black on matt silver				TZe-M931		TZe-M951	TZe-M961
Premium Laminated - 8 Metres			TZe-M921				
Black on premium glitter gold				TZe-PR831		TZe-PR851	
White on premium glitter silver				TZe-PR935		TZe-PR955	



DANGER 400 VOLTS

1966 / IP67

ISOLATOR 1

Choose the right tape for the job

MAZ		ш	Е	mu	mu	mu	Е	Е	mu	mu
HEAT SHRINK TUBE (3:1)	Widt	5.2ml	9.0ml	11.2n	21.0n	31.0n	5.2ml	9.0m	11.2n	21.0mm
	Tape	HSe-211E	HSe-221E	HSe-231E	HSe-251E	HSe-261E	HSe-611E	HSe-621E	HSe-631E	HSe-651E
Stencil	>									
Security	>									
Strong Adhesive	>		>							
Heat Shrink Tube					•	>				
Self-Laminating					•	>				
Flexible ID	>		•		•	>			>	
SURFACE	Smooth surfaces	Tovtinod	surfaces		Cable	wrap		Cable	flag	
	Flexible ID Self-Laminating Heat Shrink Tube Strong Adhesive	Flexible ID Self-Laminating Heat Shrink Tube Strong Adhesive Stencil Stencil	Flexible ID Self-Laminating Heat Shrink Tube Strong Adhesive Stencil Stencil Stencil Stencil Stencil	Flexible ID Self-Laminating Heat Shrink Tube Strong Adhesive Strong Adhesive Strong St	Flexible ID Self-Laminating Heat Shrink Tube Strong Adhesive Strong Adhesive Stencil Strong S	Flexible ID Self-Laminating Heat Shrink Tube Seurity Strong Adhesive Steurity Stencil Stann Hise-211E Stann Hise-231E 11.2mm Hise-231E 21.0mm	Flexible ID Self-Laminating Heat Shrink Tube Strong Adhesive Strong Adhesive Stenrity Stenrity Stenrity Stenrity Stenrity Hist-211E Sum Hist-2	Flexible ID Self-Laminating Heat Shrink Tube Strong Adhesive Strong Adhesive Stencil Scurity Stencil Scurity Stencil HSe-211E S.2mm HSe-231E 11.2mm HSe-251E 21.0mm HSe-261E 5.2mm HSe-261E 5.2mm HSe-261E 5.2mm	Flexible ID Self-Laminating Heat Shrink Tube Strong Adhesive Strong Adhesive Stencil Scurity Stencil Historic Strong Historic Historic Strong Historic	Self-Laminating Heat Shrink Tube Strong Adhesive Strong Adhesive Strong Adhesive Strong Adhesive Stencil His-21E 9.0mm His-61E 5.2mm

cable diameters

Recommended

00.8mm to 3.1mm 01.6mm to 5.4mm 02.1mm to 7.0mm Ø4.2mm to 13.5mm

Ø6.3mm to 20mm

Ø0.8mm to 3.1mm Ø1.6mm to 5.4mm Ø2.1mm to 7.0mm Ø4.2mm to 13.5mm

31.0mm Ø6.3mm to 20mm

HSe-661E

Acceptable

Recommended

Brother Genuine Supplies



Brother genuine supplies work in perfect harmony with Brother printers.

Designed, manufactured and tested in controlled environments by the same team of engineers as Brother hardware. Providing you with the best possible results for your business and protection of your print investment.







Frequently asked questions

How accurate are the tests in simulating real-world examples?

Every effort was made to ensure the tests accurately simulate real-world examples. However when printed labels are used in the real-world, many factors could change the results of these tests, such as surface material, heat, moisture, pressure, chemicals etc. If in doubt, always test Brother P-touch laminated labels in your own environment to ensure they meet your requirements.

Which tape is recommended for rough or textured surfaces?

Brother strong adhesive TZe tape has been specially developed for more demanding surfaces such as rough or textured.

Which tape is recommended for cable labelling?

Use Brother self-laminating TZe tape or flexible ID TZe tape for cable wrap labelling. For cable flag labelling use Brother flexible ID TZe tapes.

Brother HSe heat shrink tube is also available for wire and cable identification.

Which tape is recommended for high temperatures?

We recommend TZe-M931/951/961 black on matt silver TZe tape as most resistant to high temperatures in terms of discolouration.

How thick are laminated TZe labels?

Laminated TZe labels are around 160 micro metres in thickness, but this varies slightly by tape type.

Frequently asked questions

Do TZe tapes contain silicone?

Since the tape liner itself is silicone coated on both sides, there is a chance that small amounts of silicone may remain on the adhesive layer underneath the label even after the liner is peeled off.

Do TZe tapes contain latex?

No. TZe tapes use acryl based adhesive materials and do not include latex.

Do TZe tapes contain lead?

No. There is no lead in the TZe cassette case, tape or ink.

Do TZe tapes contain chloride?

Except for clear (transparent) and silver TZe tapes, chloride materials are used in the coloured base film layer of other TZe tapes.

Do TZe tapes contain halogen?

The coloured layer of the base film includes some chlorine compound which means TZe tapes cannot be categorised as halogen-free.

Do TZe tapes contain REACH SVHC?

Please see www.brother.eu/reach for the latest information.

Do TZe cassettes contain recycled material?

Yes. TZe cassettes contain at least 5% of recycled material.

Do TZe labels create any outgassing?

The following gases may be produced when labels are stored or applied in a hot environment: Toluene, n-butanol, 2-ethylhexyl alcohol, butyl carbinol acetate. These levels are however very low.

Do TZe labels leave any adhesive residue when removed?

Labels can be removed from most materials with relative ease leaving little or no adhesive on the material. Extreme heat, humidity and certain chemicals may result in some residual adhesive being left but this can be removed in most cases with Ethanol.

Frequently asked questions

Can TZe labels be used on circuit boards?

We do not recommend that TZe labels are used on circuit boards due to the sensitivity of circuit boards to dust, static electricity and acid (although these are at very low levels).

Can TZe labels be used to label food?

TZe labels can be used safely on food packaging but should not be in contact with the food itself.

Can TZe labels be used on copper?

As adhesive materials used in our labels are acrylic and therefore weakly acid we do not recommend that TZe labels are used on copper.

Can TZe labels be used for the marking of electrical and electronic equipment (EEE) that is covered by the RoHS Directive?

TZe labels are in conformity with the requirements of the RoHS Directive, and do not contain restricted substances (Cadmium (Cd), Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr VI), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)) above the allowed limit values. TZe tape cassettes themselves do not fall under the definition of EEE.

Can TZe labels be submerged in alcohol?

Submersion of TZe labels in alcohol is not recommended for extended periods due to the possible deterioration of the tape adhesive.

Are Brother TZe tapes or HSe Tubes UL certified?

Most of our strong adhesive, flexible ID and security TZe tapes have been recognised by Underwriters Laboratories, and which are listed under the UL file number PGJI2.MH21016.

How long should a security TZe label be attached before peeling off?

We recommend that security TZe labels are affixed for at least 24 hours in order to work effectively.

Notes

- 1. A random sample of Brother laminated TZe tapes and competitor non-laminated tapes were selected and used to perform these tests.
- 2. All test results were acquired under specific conditions configured by Brother and/or Allion (as detailed below), with the sole aim of providing information contained within this booklet.
- 3. Since tape adherence performance is affected by many variable factors, including the material the tape is attached to, the material's surface condition, whether it is greasy, dusty, rough or curved, and environmental conditions, customers should confirm adherence performance under the actual usage conditions. Products are used at the customers own risk and the findings presented in this document should not be taken as a guarantee of TZe tape performance in each customers' specific circumstances.
- 4. Brother accepts no responsibility for losses incurred as a result of reliance on information contained in this document.

Test data sources:

Allion Japan Inc (April 2020):

Strong adhesive | Water and chemical resistance

Abrasion resistance (Brother TZe laminated labels)

Temperature resistance (all temperatures except -80°C) | Oil resistance

Allion Japan Inc (October 2020):

Abrasion resistance (Competitor labels)

Brother Industries Ltd Japan (December 2012):

Fade resistance | Temperature resistance (-80°C)

Autoclave resistance



P.touch

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Brother International Australia PTY LTD