

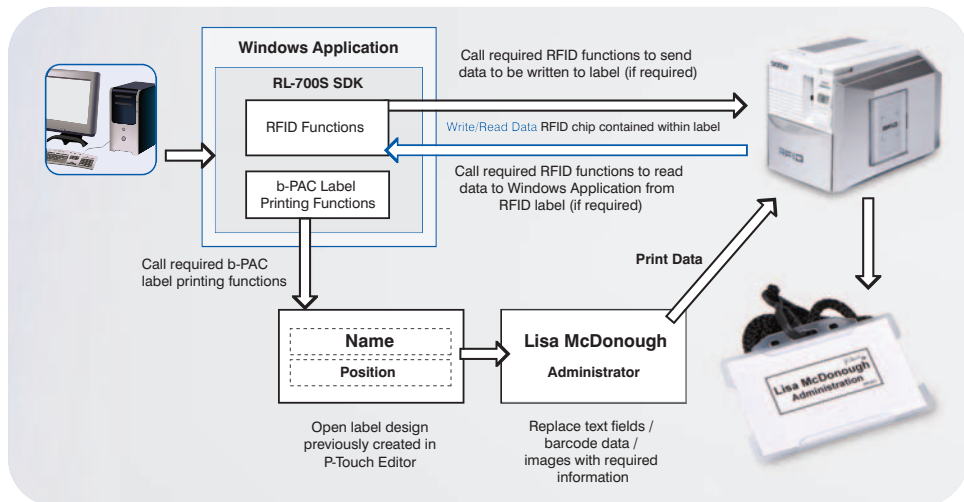


Brother b-PAC Software Development Kit

The Brother RL-700S Software Development Kit (SDK) allows software engineers to integrate the RL-700S label printer with Windows applications easily and efficiently.

The RL-700S SDK is a COM object library, this means that any programming languages supporting COM objects can be easily integrated. Such languages include Visual C++, Visual Basic.NET, Visual C#, Java and VBScript.

The following diagram illustrates how you can use Brother's RL-700S SDK to create a name label.



RL-700S

General	
Print Technology	Thermal transfer with lamination
Tape Type Compatibility	SZ (RFID Labels), TZ (Standard), HG (High Grade), AL (Direct Thermal)
Tape Sizes	24 mm (SZ) 3.5 / 6 / 9 / 12 / 18 / 24 / 36 mm (TZ & HG)
Print Resolution	360 x 360 dpi (up to 360 x 720 dpi with HG tape)
Max Print Height	27.1 mm
Print Speed	For TZ tape/SZ tape: Maximum 20mm/sec For HG tape high speed mode: Maximum 40mm/sec
Interface	Full-Speed USB 2.0
Advanced Cutter	Auto full cutter with continuous half cut capability*
Power Status Indicator	AC adapter (AD-9100) 120v to 240v AC Ready (Blue), Printing (Blue), Error (Red)
RFID Module and Labels	
Frequency Band	13.56MHz (High Frequency)
RFID Protocols	ISO 15693 / ISO 18000-3 compliant**
RFID Chip Type	NXP Semiconductors I-CODE SLI
Transponder	Passive
Read Distance (Using SZ Labels)	Read and write while label printing
RFID Labels (SZ 2511)	Read, write and re-write using the built-in RFID module on side of machine once the label has printed
Identification	0-3cm (Distance is dependent upon environment)
Tag Data Capacity	24mm Black on White (30 labels per cassette)
	The number of remaining labels is printed on the removable part of the labels
	128bytes (112bytes usable)
Software	
Software Supplied	P-touch Editor Version 4.2
Language	English / French / German / Netherlands / Swedish / Norwegian / Danish / Spanish / Portuguese / Italian.
Available Fonts	All True Type Fonts installed in your computer
Graphic Support	Clip art, Symbol fonts, Screen capture, Image file importing
Import Image Files	BMP / ICO / DIB / TIF / JPG / JPEG / WMF / EMF / PNG
Label Length Setting	4mm - 1000 mm (TZ / HG / AL) 53.5mm-100mm (SZ)
Bar code	
	Code39 / I-2/5 / UPC-A / UPC-E / EAN 13 / EAN 8 / CODABAR(NW-7) CODE 128 / EAN 128 / POSTNET / Laser Bar Code / ISBN-2 / ISBN-5 PDF417 / QR CODE / Dara Matrix
Sequential Barcoding	
Copy Printing	Yes
Tape Margin Settings	2 - 5,000 (Max) 4mm - 48mm (SZ), 1 mm - 127 mm (TZ / HG / AL)
Time / Date Printing	
Mirror Printing	Yes (with date forward function)
Vertical Printing	Yes
Sequential Numbering	Yes - numbers and alphabetic characters
Database Compatibility	Microsoft® Access (97, 2000, 2002 & 2003), CSV, Excel 14 categories
Auto Format	
Table Insertion	Yes
Screen Capture	Yes
Dimensions and Weight	
Dimensions (without carton)	135mm(W) x 190mm(D) x 130mm(H)
Weight (without carton)	1.5KG
System Requirements	
Operating system	Windows Vista®, Windows® XP Professional XP Home Edition, Windows® 2000 Professional
Interface Memory	Full-Speed USB 2.0 Windows Vista®: 512MB Windows® XP/2000: 128MB
Hard Disk	Minimum 70MB
Monitor	SVGA/High colour or more
Others	CD-ROM drive
Items Included	
User Guide	Detailed setup and reference guide
CD-ROM	Includes Windows® driver / sample software / P-Touch Editor / Software Development Kit (SDK) for easy intergeration
AC Adapter	(AD-9100) 120v to 240v AC
USB Cable	Standard A to B USB cable
Label Type	1 x Black on White 24mm SZ Tape (30 labels) 1 x Black on White 24mm TZ Tape (8 metres)

* Average 30,000 cuts based on internal testing

** Which supported by I-CODE SLI

Contact:



brother
at your side

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RL-700S

Intelligent Label Printer

Print on Demand | RFID Labelling | 13.56Mhz (HF) | ISO 18000-3 | ISO 15693



- Built in RFID reader, writer & re-writer
- Compact & stylish design

Ideal for

Asset Management
People Management
Document Management



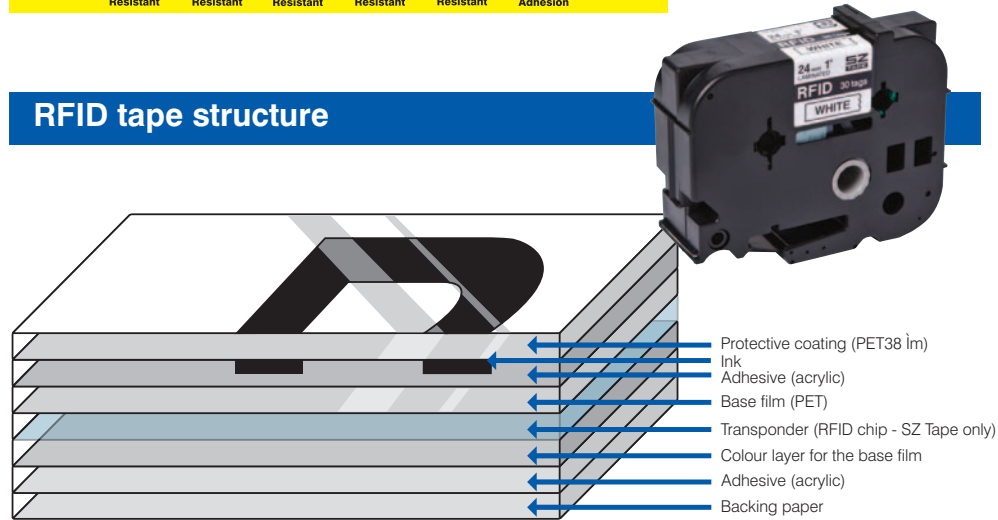
Compact RFID Print Solutions

As a leader in printing technology Brother has launched an ultra compact RFID enabled labelling system. With its ability to print standard labels as well, it is ideal for any desktop application using a Windows® PC.

These unique, patented RFID enabled labels and standard labels are designed to be extra hard wearing. Tests have shown that not only are they scratch-proof but can withstand heavy abrasion and exposure to chemicals, sunlight, water and temperatures ranging from -80°C to +150°C (-10°C to +70°C for RFID labels). Brother laminated tapes consist of six layers of materials, resulting in a thin yet extremely strong label. Characters formed with thermal transfer ink are actually printed onto the underside of the clear protective laminate. Sandwiched between two layers of PET (polyester film) this lets you create characters that are virtually indestructible.



RFID tape structure



Application Examples



Asset Management

Brother's RL-700S can improve an organisations inventory system with its ability to create 'on demand' RFID labels that can be attached to assets within the company. The data contained within the label can store a wide range of information used for a variety of purposes, such as what the asset is, its service history, ownership details and user information.



People Management

Enhance traceability in an organisation using Brother's smart labels to identify staff, contractors or visitors. Read the information by passing the label over the built in reader or ISO 15693 / ISO 18000-3 compatible door access systems to track and control the movement of people.



Document Management

The use of Brother RFID labels enables companies to efficiently manage their paper documents. Individual documents or binders of several documents can include their own unique RFID label that includes information such as: the subject of the documents, when they were written and who created the documents.

Features

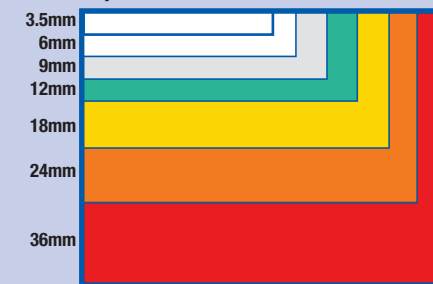
- On demand 13.56MHz RFID label printer
- I- CODE SLI (ISO 15693 / ISO 18000-3 compliant)
- Built-in RFID reader / writer
- Multifunctional labeller prints RFID or standard labels
- Labels are tough and hard wearing
- Compact and stylish design
- Automatic label cutter
- Can be integrated into existing software packages using the Brother RL-700S SDK
- Easy to install and operate

Tape Options

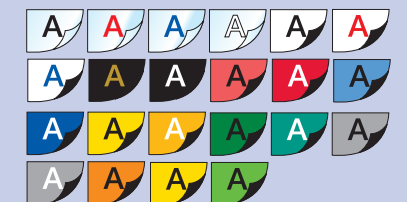
In addition to creating RFID labels, the RL-700S can also print regular labels which are available in a variety of colours and sizes. Tape options include:

- TZ standard laminated tapes include fluorescent, transparent and metallic options. Specialist tapes include High Grade (HG), Paper, Non-laminated, Matt, Strong Adhesive, Security Tape, and Flexi ID. All are available in varying width, character and tape colour options.
- Tape widths of 3.5, 6,9,12,18, 24 and 36mm
- Standard tape length of 8m*
*Providing approximately 100 labels. (based on 10 characters & standard label length 8cm)

Tape Widths



Tape Colours



NB. Not all tape colours are available in all countries

RFID SZ Tapes only available in 24mm black on white