

Label specification

Two printed adhesive labels with the electronics inside them. One reports over Bluetooth when it passes a phone or gateway; the other adds a cellular radio and reports on its own. Both are applied like any other label and there is no device to charge, pair or get back.

BLUETOOTH

A Label

Radio	Bluetooth 5.1, 2.402–2.480 GHz
Beacon interval	1 second or 10 seconds
Tap	Passive HF NFC, 13.56 MHz
FCC ID	2A7TQRA0001
Approvals	FCC 15.249:2022, CE, DO-160

CELLULAR + BLUETOOTH

N Label

Cellular	NB-IoT, Release 14 Cat NB2
Bands	5, 8, 12, 13, 20, 28, 85
Transmit power	20 dBm (power class 5)
Temperature	–10 °C to 60 °C, ±0.5 °C *
FCC ID	2A7TQRN0001
Approvals	CE, DO-160

Both labels carry Bluetooth and NFC. The N Label adds the cellular radio and the temperature sensor.

No lithium

The battery is zinc-manganese coated and contains **no lithium components**. The label is therefore not a lithium cell travelling inside your parcel, which is the first question an airline or a freight forwarder asks. Country-specific certifications and airline approvals are available from the manufacturer on request.

Rated for indoor use (IP61)

Suitable on a parcel, including one travelling in a van, a container or an aircraft hold. Not intended for an unwrapped item left standing in the weather. Battery life is quoted as one month or one year depending on how often the label reports.

Construction

Material	Thermal transfer (TT)
Facestock	Direct thermal paper
Adhesive	Permanent acrylic
Liner	120 gsm glassine
Total thickness	0.56 mm (±10%)
Environment	Indoor use, IP61

Temperature

Operating range	–10 °C to 55 °C (14 °F to 132 °F)
Minimum application temperature	8 °C (46 °F)

Apply above 8 °C. Acrylic adhesive does not key properly to a cold surface, and a label applied in an unheated warehouse in winter may lift.

Adhesion and chemical resistance

Corrugate	0.14 N·m (20 oz·in)
Polycarbonate	0.39 N·m (55 oz·in)
Polyethylene	0.24 N·m (34 oz·in)

Weak chemicals	Test in application
Harsh chemicals	Not recommended

Printing

Recommended printer	Sato CL4NX+ HF
Model	WWCLP182ZNAR · WWCLP1801-NAR (US)

Labels can also be activated from a smartphone without printing — see trackmylabel.co.uk.

Environmental compliance

RoHS	Directive 2011/65/EU
	(EU) 2015/863 Annex II

Coverage

Bluetooth reporting is provided by the manufacturer's partner networks, which are continuously growing. Tested Bluetooth coverage as at 2 April 2026:

Australia, Austria, Azerbaijan, Belarus, Belgium, Brazil, Bulgaria, Canada, China, Colombia, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hong Kong, Hungary, India, Ireland, Israel, Italy, Japan, Jordan, Kuwait, Malaysia, Malta, Mexico, Netherlands, New Zealand, Norway, Peru, Poland, Portugal, Qatar, Romania, Saudi Arabia, Singapore, Slovenia, South Africa, South Korea, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Arab Emirates, United Kingdom, United States, Venezuela, Vietnam.

Additional NB-IoT cellular coverage in:

Australia, Austria, Belgium, Canada, China, Denmark, Finland, France, Germany, Greece, Hong Kong, Hungary, Ireland, Italy, Malta, Mexico, Netherlands, New Zealand, Norway, Portugal, Romania, South Africa, Spain, Sweden, Switzerland, Taiwan, United Kingdom, United States.

Coverage changes. Ask us before sending something valuable somewhere unusual — we would rather tell you a label is the wrong tool than sell you one that never reports.

Where these figures come from

Hardware is manufactured by Reelables, Inc. and sold by Butopia Ltd as Track My Label. Every figure in this document is taken from the manufacturer's "anywhere" data sheet, document RZ2302-01, with one exception, marked * above: the cellular temperature range and accuracy are from Reelables' own published product information, as the material data sheet does not cover the sensor. Nothing here is estimated.

Reelables and the Reelables logo are trademarks of Reelables, Inc. This document is published by Butopia Ltd and is not a Reelables publication. Specifications may change; confirm anything critical with us before you rely on it.

Butopia Ltd, Osprey House, 5 Hunter Road, Castle Donington, Leicestershire DE74 2TQ · matthew@butopia.co.uk · trackmylabel.co.uk