

Battery Connectors

Nickel Plated Steel Strip and Tags

Datasheet

Overview

Nickel plated steel is ideally suited as links for battery connections, to link cells together either as a single tag from cell to cell or as a special etched or stamped tag, that can link multiple cells. This material is both easy to spot weld and solder. It can be used as a substitute for nickel depending on the battery pack requirement, and can be used as electronic parts.

Apart from standard coil and plain tags, this material is often used for H Tags, the industry known 1404 Tag, and PCB board battery tags. Typically, it has 2 microns of nickel plate on both sides.

Typical chemical composition (%)

Fe	C	Si	Mn	P	S
99.6	0.05	0.02	0.18	0.012	0.02

Typical mechanical properties

Hardness	80-110HV
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Gauges available (from stock)

- 0.127, 0.15, 0.2, 0.3, 0.4 and 0.5mm
- Other thicknesses are available on request

Coil sizes

- 1mm to 150mm width

Tag sizes

All tags are cut to order using our in-house slitting and cutting machines. We're able to provide any standard shaped tag you need. All other non-standard tags are available, please send us your request.

Inspection

All incoming material is inspected and confirmed to conform to the above criteria. All orders are visually inspected prior to despatch.



Datum

The data says yes