

RFID Solar PV Tags

ID TECH designs and manufactures a comprehensive range of multi-brand RFID tags and Readers for a variety of industries. ID Tech's low cost, ultra thin, flexible, high RFID inlays and labels are designed to meet a wide range of applications. Our tags are available in Dry Inlay form factor as well as wet converted labels.

Features of our RFID Solar PV Tags

Optimized Design

Our product line has been designed for optimal performance in extremely harsh environments. Our tags are optimised to withstand extreme heat and pressure over long periods of time.

Multiple Label and Inlay Format

For maximum flexibility our products are offered in both pressure and heat sensitive adhesive labels and non converted inlay formats for easy lamination in Solar Modules. Non converted inlays are designed into speciality inlays and are easy to integrate into solar panels

Label Guarantee

We guarantee that each label on every roll has been tested and qualified. End users are assured that the labels they receive are fully functional and application ready.

SPV - ICODE

- Specifically optimized for use in SPV modules
- Chips Available: NXP ICODE SLI SL2 ICS20
- Formats Available: Dry Inlay, Fully Converted Labels (with paper or transparent overlay)
- Operating Protocol ISO 15693 ISO 18000-3-1
- Memory : Total Memory : 1024 bits
- User memory: 1024 bits . Read/Write, Lockable 32 bit PRIVACY password

Dimensions

Inlay Size	38mm x 22mm inlay/ 26mm x 11mm inlay
Label Size	43 x 27 +/- 0.5mm (31x 16 +/- 0.02in)
Overall Label Thickness	300 µm (450 µm over chip)
Base Material	Aluminum

Inlay Material	PET
Reading distance	0-100cm
Application	CD/DVD Tag, Fragile Tag, Wet Inlay, Paper Label

SPV - MIFARE® Classic

- Industry standard form factor
- Highest performing flexible tag available
- Specifically optimized for use in Solar Panels.
- Chips Available: MIFARE® Classic , S50 1k
- Formats Available: Dry Inlay, Fully Converted Labels (with paper)
- Operating Protocol ISO 14443A
- Memory : Total Memory : 1024 bits
- Usermemory:1024 bits • Read/Write,
Lockable 32 bit PRIVACY password

Dimensions

Inlay Size	38mm x 22mm inlay/ 26mm x 11mm inlay
Label Size	43 x 27 +/- 0.5mm (31x 16 +/- 0.02in)
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ALN-9662 (Higgs™3) / ALN 9762 (Higgs™4)

- "Short" Inlay
- Compact design delivers Squiggle level performance.
- Superb general performance inlay
- Great choice for apparel hang tags, cases, and pallet placards.
- 70mm x 17mm (2.756" x 0.669")

ALN-9640 (Higgs™3)/ ALN-9740 (Higgs™4)

- "Squiggle®" Inlay
- 94.8mm x 8.1mm (3.732" x 0.319")
- The EPC Class 1 Gen 2 price/performance benchmark.
- Top ranking general purpose inlay achieves exceptional performance in multiple applications, including case tagging, pallet placards, apparel and baggage tags.