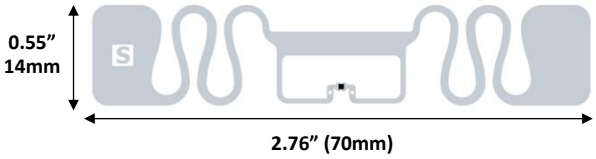
Smartrac Belt UCODE 8 Inlay

DETAILS

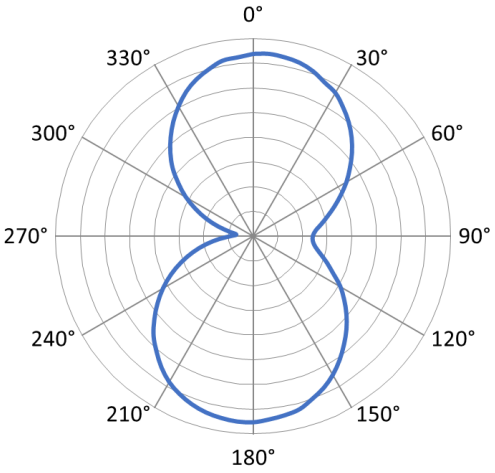
- General Purpose inlay
- Applications: Case / Pallet
- Meets Auburn ARC Specs:
  B, C, D, F, G, I, K, L, M, N, Q, W1, W2, W3, W4, W5

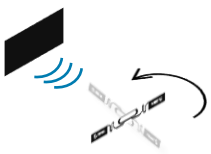


TECHNICAL INFORMATION

- Chip: NXP UCODE 8
  - Read Sensitivity: -23dBm
  - Write Sensitivity: -18dBm
  - EPC memory: 128 bit
  - User memory: N/A
  - TID: 96 bit factory locked (48 bit unique)
  - EPC Gen2v2
- High sensitivity: read range up to 14m in free space

RADIATION PATTERN*





THEORETICAL** READ RANGES ON VARIOUS SURFACES (m)

Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	8	14
Cardboard	14	13
Fiberglass	10	13
Glass	9	12
PTFE	18	14
Polyacetyl	13	11
PVC	14	12
Rubber	10	14

* Read range drops to 11% of maximum when inlay is perpendicular (90º and 270º) to the reading antenna.

**Theoretical read range data is meant to be directional. Actual performance will depend on your application and environment. Testing is recommended.

All inlays certified by Zebra have been pre-tested with Zebra printers and readers. For more information on Auburn’s ARC specifications, testing, and the certification process, please go to rfid.auburn.edu.

SUGGESTED APPLICATIONS

- Case/pallet labeling

- Transportation & Logistics

For more information, visit www.zebra.com/supplies

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Nov 2019