

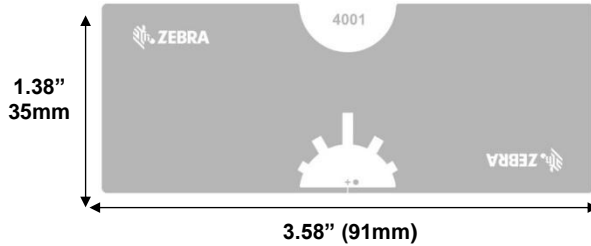


ZEBRA

Zebra ZBR4001 Inlay

DETAILS

- Advanced inlay
- High memory
- Optimized to be read from nearly any angle
- Performs well when placed on or near challenging materials (i.e. pallets, freight)
- Excellent read accuracy with overhead readers like Zebra ATR7000
- Applications: Case / Pallet, Freight, Automotive



SUGGESTED APPLICATIONS

- Case/pallet labeling



- Transportation & Logistics



- Freight/Assets



- Automotive



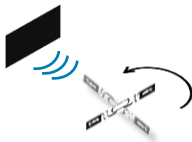
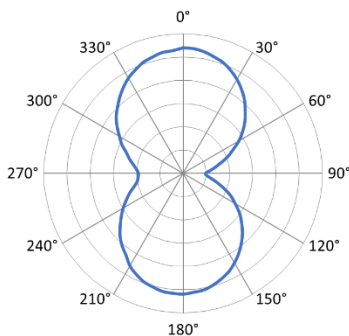
TECHNICAL INFORMATION

- Chip: NXP UCODE 7xm
 - EPC memory: 448 bit
 - User memory: 1024 bit (1-kbit)
 - TID: 96 bit factory locked (48 bit unique)
 - Read Sensitivity: -19dBm
 - Write Sensitivity: -12dBm
 - UHF RFID, EPC Gen2v2, ISO 18000-63, RAIN RFID
- High sensitivity: read range up to 12m

THEORETICAL** READ RANGES ON VARIOUS SURFACES (m)

Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	7	10
Cardboard	9	9
Fiberglass	11	9
Glass	10	8
PTFE	11	10
Polyacetyl	11	9
PVC	12	9
Rubber	10	7

RADIATION PATTERN*



*Read range drops to 19% of maximum when inlay is perpendicular (90° and 270°) 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, visit www.zebra.com/supplies

Product Performance and Suitability: The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application.

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