



**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



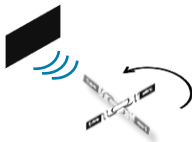
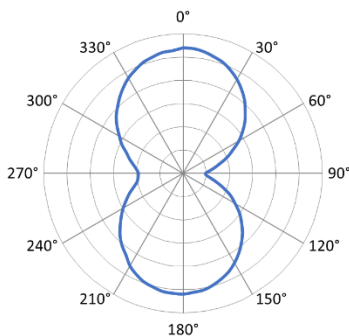
## TECHNICAL INFORMATION

- 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](http://www.zebra.com/supplies)

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