

Zebra RFID Inlays

Deliver Market-Leading RFID Performance

Zebra-branded inlays offer the highest performance inlay technology for your RFID solutions by the global leader in RFID technologies.

Exclusively offered by Zebra, General purpose ZBR2000, Advanced ZBR4000 and ZBR4001 RFID inlays are Zebra Certified to deliver market-leading RFID performance in transportation and logistics, manufacturing, healthcare and asset tracking.

RFID inlays and labels are critical to achieve the real-time visibility you need to streamline operations, minimize errors in asset-related data, as well as track, identify and maximize asset utilization. To maximize your RFID solution, Zebra delivers the largest number of in-stock, on-demand RFID printing supplies, featuring not only the ZBR2000, ZBR4000 and ZBR4001, but inlays featuring the newest generation of RFID chips to support faster tag acquisitions and longer read ranges.

50+ ZipShip RFID configurations

Zebra offers General Purpose, Advanced, Silverline On-metal Tags and Zebra-branded inlays with the highest performing RFID chips in the market in stock and ready to ship in 24 hours.

Zebra-Branded RFID Inlays

Designed for and Tested with Zebra Printers and RFID readers to Deliver Industry-leading Performance

General Purpose



ZBR2000 inlay

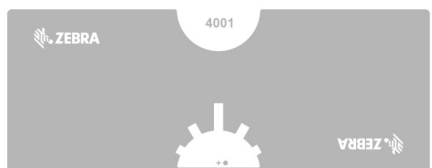
- High-sensitivity read range up to 17m in free space
- Delivers consistent, reliable performance
- Helps you achieve a better ROI

Advanced



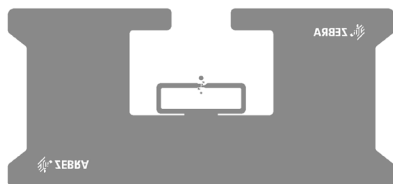
ZBR4000 inlay

- High-sensitivity read range up to 20m in free space
- Omni-directional optimized to be read from any angle
- Wideband performance when placed on or near challenging materials



ZBR4001 inlay*

- Enhanced-memory inlay
 - EPC memory: 448 bit
 - User memory: 1000 bit
- Extreme high-sensitivity read range up to 12m
- Omni-directional and wideband performance when placed on or near challenging materials



ZBR4003 inlay

- Enhanced-memory inlay
 - EPC memory: 496 bit
 - User memory: 688 bit
- Extreme high-sensitivity read range up to 14m
- Omni-directional and wideband performance when placed on or near challenging materials.



ZBR4005 inlay

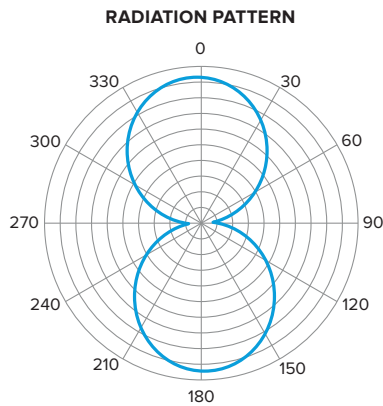
- Enhanced-memory inlay
 - EPC memory: 496 bit
 - User memory: 128 bit
- Extreme high-sensitivity read range up to 13m
- Omni-directional and wideband performance when placed on or near challenging materials

*Not available in EMEA.

Zebra-Branded RFID Inlays (continued)

ZBR2000 Performance Information

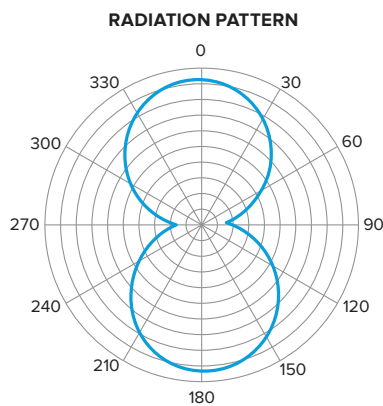
Theoretical read ranges on various surfaces (m)



Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	16	17
Cardboard	15	12
Fiberglass	10	12
Glass	9	15
PTFE	15	11
Polyacetyl	11	11
PVC	11	11
Rubber	10	12

ZBR4000 Performance Information

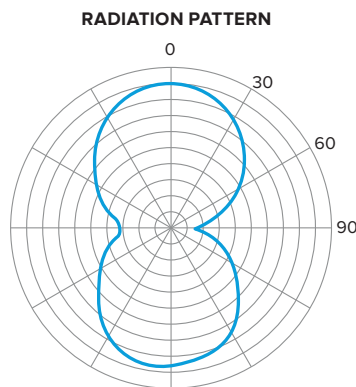
Theoretical read ranges on various surfaces (m)



Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	10	17
Cardboard	14	18
Fiberglass	20	19
Glass	20	18
PTFE	17	19
Polyacetyl	19	19
PVC	18	20
Rubber	19	16

ZBR4001 Performance Information

Theoretical read ranges on various surfaces (m)

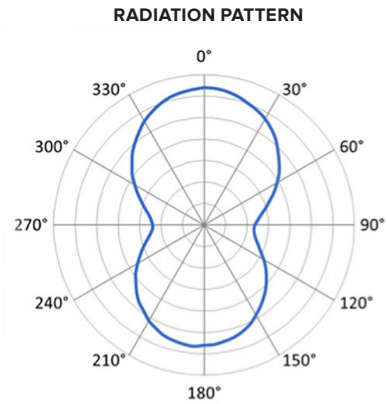


Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	7	10
Cardboard	9	9
Fiberglass	11	9
Glass	10	8
PTFE	11	10
Polyacetyl	11	9
PVC	12	9
Rubber	10	7

Zebra-Branded RFID Inlays (continued)

ZBR4003 Performance Information

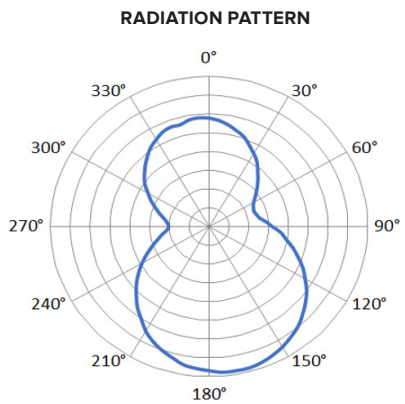
Theoretical read ranges on various surfaces (m)



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

ZBR4005 Performance Information

Theoretical read ranges on various surfaces (m)



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

Custom RFID Labeling Solutions


With our state-of-the-art presses and RFID manufacturing equipment, Zebra can create a customized RFID labeling solution to meet the unique requirements of your application. And Zebra can quickly recommend the optimal label material and inlay to achieve maximum ROI.

- Any label size and configuration
- Hundreds of pre-tested materials to choose from
- Pre-printed with color floodcoats, graphics and logos
- All leading inlay brands, such as Zebra, Alien, AveryDennison, Smartrac, BoingTech, Tageos, Stora Enso
- All leading tag IC manufacturers, such as NXP, Impinj, Alien, EM Micro

Zebra ZBR2000 and ZBR4000 inlays successfully meet the rigorous testing of Auburn University's ARC program to ensure RFID performance and quality.

ZEBRA CERTIFIED SUPPLIES

Exceptionally Consistent and Consistently Exceptional

1	2	3
		
Consistently Outstanding Quality	Exceptional Service	Unmatched Expertise
<ul style="list-style-type: none"> • Familiar and proven label materials with best of breed RFID tags • Never substitute materials or compromise consistency 	<ul style="list-style-type: none"> • Supplies in stock ready for immediate dispatch • Offer consultation • Ability to create customized RFID labels to meet your applications requirements 	<ul style="list-style-type: none"> • 25+ years of technology innovation • 575+ RFID Patents • Many firsts in RFID: Portal, Mobile, Handheld, Multi-protocol

Where is RFID headed next?

Which new advances will help your organization operate even more efficiently? Rely on Zebra to lead the way. Its innovative spirit and years of deep RFID experience enable Zebra to work ahead of the curve to fulfill a wide range of evolving market requirements. Zebra has played a central role in pioneering RFID technologies and defining global standards since the mid-1990's, when smart-label technology first appeared. For industry-leading quality, service and RFID thermal printing expertise, choose Zebra Certified Supplies.

For more information on Zebra's RFID labeling solutions visit www.zebra.com/rfidlabels



NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
+1 786 245 3934
la.contactme@zebra.com