



ZEBRA

Z-Perform 1500T

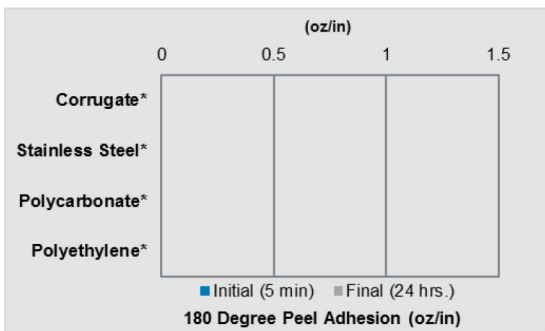
FEATURES

- Thermal transfer, smooth paper label with a permanent acrylic adhesive
- Recommended for printing applications up to 14 inches per second
- Suitable for fanfolding
- Meets FDA 175.105 for indirect food contact requirements
- Available in white (10017767RM)

MATERIAL CONSTRUCTION

Component	Description	Caliper
Facestock	White smooth topcoated paper	2.6 mil
Adhesive	Permanent, acrylic-based	0.6 mil
Liner	40 lb. semi-bleached, kraft stock	2.4 mil
TOTAL ± 10%		5.6 mil

ADHESIVE STRENGTH



*Attraction between adhesive and surface is so great that the facestock rips.

TEMPERATURE PERFORMANCE

Minimum Application Temperature	Service Temperature	Optimal Storage Conditions
25° F (-4° C)	0° F to 180° F (-18° C to 82° C)	72° F (22° C) at 50% RH

Expected Exterior Life

Not recommended for outdoor use

CHEMICAL RESISTANCE

Chemical	Suggested Ribbon			
	6000	2000	6100	
Weak	Blood	●	●	●
	Body Fluid	●	●	●
	Salt Water	●	●	●
	Water	●	●	●
	Window Cleaner	●	●	●
Moderate	Alcohol	NR	NR	NR
	Ammonia	NR	NR	NR
	Bleach	NR	NR	NR
	IPA	NR	NR	NR
Harsh	Gasoline	NR	NR	NR
	Grease	NR	NR	NR
	Oil	NR	NR	NR
Extreme	Acetone	NR	NR	NR
	IR Reflow	NR	NR	NR
	MEK	NR	NR	NR
	TCE	NR	NR	NR
	Xylene	NR	NR	NR

● Recommended ● Test in Your Application NR Not Recommended

SUGGESTED APPLICATIONS

- Labeling of packaging material



- Compliance labeling



- Work in process



- Food labeling

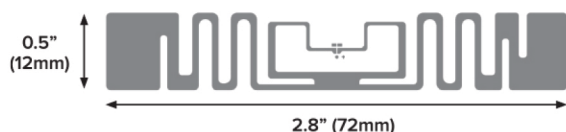


Product Performance and Suitability: The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements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

BoingTech™ BT0573 Inlay

General purpose 72mm wide inlay

A successful RFID solution requires high-performing thermal labels and inlays. As the global leader in RFID technologies offering end-to-end RFID solutions, Zebra is your trusted expert in all things RFID. Certified by Zebra, the BoingTech BT0573 inlay provides high-sensitivity and longer read ranges for industry-leading performance. BoingTech BT0573 inlays are pre-tested to work seamlessly with Zebra printers and readers to help maximize the benefits of RFID across your enterprise.



High Sensitivity for Longer Read Ranges

Designed with a high-sensitivity NXP UCODE 8 chipset, the BoingTech BT0573 inlay delivers read ranges up to 18m resulting in over 50% further than other inlays in its class.

Exceptionally Consistent and Consistently Exceptional Custom RFID Labeling Solutions

With our state-of-the-art presses and RFID manufacturing equipment, we can create a customized RFID labeling solution to meet the unique requirements of your application. We use the same material from order-to-order, and never substitute materials, to safeguard consistency and quality.

Zebra Certified to Ensure Industry-Leading Performance and Low Instance of Printer Voids

Zebra's Supplies R&D team has characterized read range performance on our Voyantic Tagformance test equipment to measure performance on a variety of surfaces and orientations. Inlay positions have been tested in industrial, desktop, and mobile RFID printers so that the most effective position is matched for the printer being used, resulting in the fewest printer voids. Our combined expertise in RFID printer and label manufacturing gives you the assurance the inlay will be produced to ISO 9001 processes with consistent inlay placement.

Unmatched Expertise in RFID

Zebra offers RFID solutions customized for your application with the highest-performing inlays and chips. We have played a central role in pioneering RFID technologies and defining global standards since the mid-1990's, when smart-label technology first appeared. We were recognized as the #1 RFID brand by the 2018 RFID Journal's Brand Report. And we hold more than 575 RFID patents and numerous industry firsts in RFID.

BoingTech BT0573 Inlay—High-performance general-purpose inlay.

Specifications

Technical Information

Chip	NXP UCODE 8
EPC memory	128 bit
User memory	N/A
TID	96 bit factory locked (48 bit unique)
Read Sensitivity	-23dBm
Write Sensitivity	-18dBm
RFID Standards	EPC Gen2v2
Read Range	Up to 18m

Theoretical Read Range: ETSI (865-868 MHz)*

Air	10m
Cardboard	14m
Fiberglass	16m
Glass	11m
PTFE	18m
Polyacetyl	12m
PVC	13m
Rubber	12m

Theoretical Read Range: FCC (902-928 MHz)*

Air	15m
Cardboard	13m
Fiberglass	15m
Glass	8m
PTFE	14m
Polyacetyl	14m
PVC	16m
Rubber	8m

Testing and Compliance

All inlays certified by Zebra have been pre-tested with Zebra printers and readers.

Material Testing in End Application

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Product Performance & Suitability

Storage Temperature	-55°C/+125°C
Operating Temperature	-40F to 158 F (-40 to 70C)

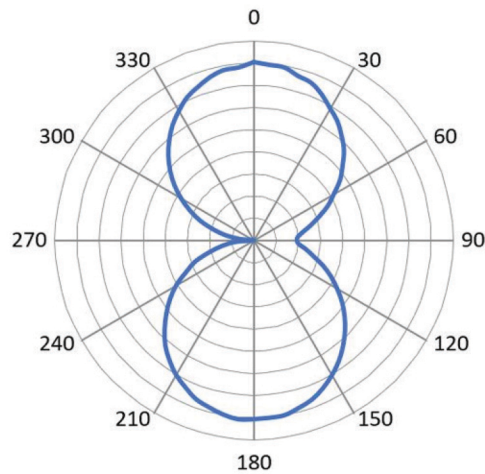
Footnotes

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

Radiation Pattern

**Read range drops to 12% of maximum when inlay is perpendicular (90° and 270°) to the reading antenna. To learn more about Radiation Pattern visit zebra.com/rfidlabels

RADIATION PATTERN**



Markets and Applications

Logistics

- Case/pallet labeling

Warehousing

- Work-in-process

Retail

- In store retagging

Healthcare

- Sample tracking

Transportation

- Case/pallet labeling

Government

- Asset tagging

