

IT75



Low Profile Durable RFID Asset Tag

- Excellent price per performance
- EPCglobal UHF Class 1 Gen 2/ 18000-6C compliant
- Rugged encapsulation for harsh environments
- Low profile, small form factor
- Superior read range
- Reusable for lower cost per use

Intermec's rugged Low Profile Durable Asset Tag, IT75, has been designed to provide superior performance and high durability on a variety of surfaces at a low cost.

Utilizing the latest generation of Gen 2 silicon supporting 512 bits of user memory within a small, durable form factor, Intermec's Durable Asset Tags are suitable for tracking a wide variety of assets.

The IT75 (tuned for FCC regions) is optimized specifically for metal surfaces such as metal pallets, ULDs, and other metal assets.

Typical IT75 Applications Include:

- Metal assets
- Metal containers, cages, and pallets
- Conveyance assets (containers and trailers)
- Unit Load Devices (ULDs)

Attachment Methods

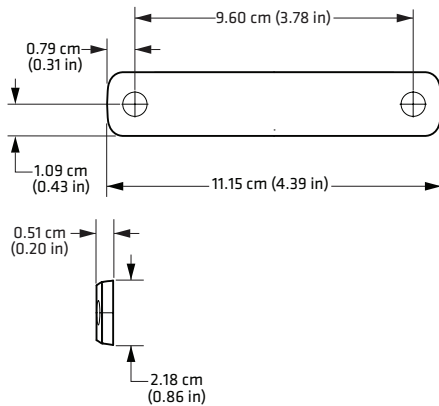
The Durable Asset Tags can be attached using screws, rivets, double-sided adhesive strips or a variety of other methods.

Reader Compatibility

The Durable Asset Tags are compatible with any Intermec UHF RFID reader and or any competitive EPCglobal UHF Class 1 Gen 2/ISO 18000-6C reader.

Form Factor

Rigid Case: 4.39 in x 0.86 in x 0.20 in
(11.15 cm x 2.18 cm x 0.51 cm)



Air Interface

EPCglobal UHF Class Gen 2/ISO 18000-6C

Chip type: Monza 4QT with 512 bits of user memory, 128 bits of EPC memory, and serialized TID

Data Retention:

EEPROM 2 years min

EEPROM write endurance 10,000 cycles

Environmental

IP67 Environmental Rating

Temperature Ratings

Operating: -40°F to 180°F (-40°C to 82.2°C)

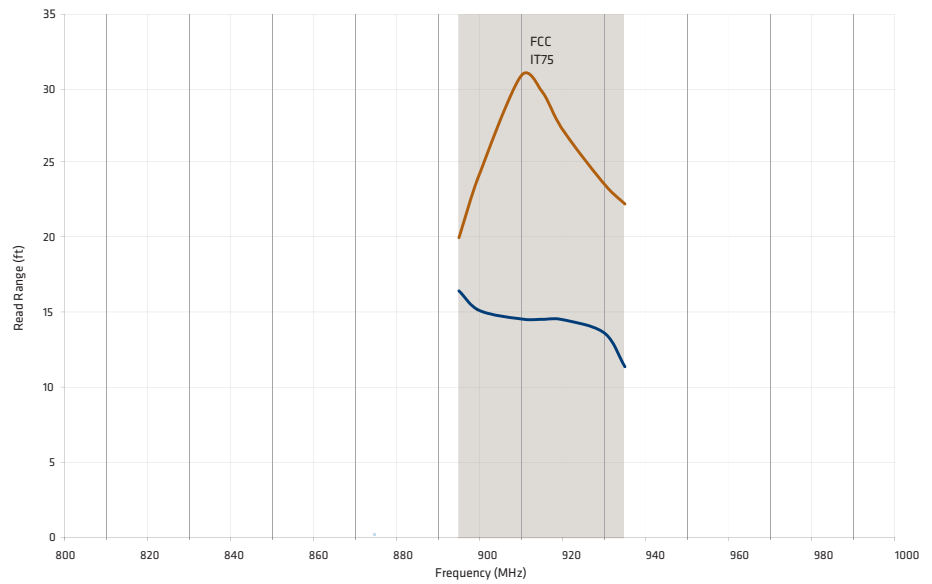
Storage: -40°F to 200°F (-40°C to 93.3°C)

Vibration: 5g RMS, 1.5-2000 Hz flat spectrum

Recommended Adhesive Tape: 3M™ VHB™ Tape
Number 4646 (25 mil (0.64 mm) thickness)

Frequency (MHz)

Read Range Performance of IT75 Durable Asset Tag



— IT75 w Screw — IT75 on 25mil foam tape

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