



## Product Profile

- Rugged encapsulation for harsh environments
- Consistent UHF range performance worldwide
- Gen 2 and ISO18000-6B versions
- Superior performance on a variety of materials
- Reusable for lower cost per use



### UHF SMALL RIGID RFID TAG

Intermec's Small Rigid Tag (SRT) is a truly passive UHF RFID tag designed for superior performance on a variety of surfaces. The tag available in both Gen 2 and ISO 18000-6B protocols, combines an impressive range with a rugged yet compact design, suitable for harsh industrial applications, and survival in application temperatures up to 250° F (121° C). Additionally, the small rigid tags have a wide band antenna design, which allows for a single tag to be used virtually anywhere in the world and on a variety of surfaces, including metal, plastic and wood.

The Small Rigid Tags are ideal for industrial applications where ruggedness, chemical resistance or higher temperature ratings are required and where tag size is an important consideration.

**Typical applications include:**

- Reusable plastic containers (RPC)
- Metal cages
- Pallets
- Unit Loading Devices (ULD)
- Gas cylinders
- Beer kegs & other commercial beverage containers
- Hazmat containers
- Chemical containers

**Attachment Methods**

The tags can be attached using screws, rivets, double-sided adhesive strips, or a variety of other methods appropriate for the application. Each tag has two mounting holes for up to #6 hardware (not included).

**Reader Compatibility**

Intermec manufactures a complete line of readers that are compatible with the small Rigid Tags as indicated in the table below.

Tag Type	Intermec Reader Models
EPC Global Gen 2	IP4 Hand-Held Reader IF4 Fixed Serial Reader IF5 Fixed Network Reader IV7 Vehicle Mount Reader
ISO 18000-6B	IP3 Hand-Held Reader IP4 Hand-Held Reader Pennsylvania Fixed Serial Reader IF4 Fixed Serial Reader IF5 Fixed Network Reader IV7 Vehicle Mount Reader

Competitive readers conforming to the Gen 2 and ISO 18000-6B protocols can also read the tags conforming to these respective protocols.

### Temperature Ratings

The new Intermec Rigid Tags are rated for applications with temperatures ranging from -40° to 250° F (-40° to 121° C).

### Chemical Resistance

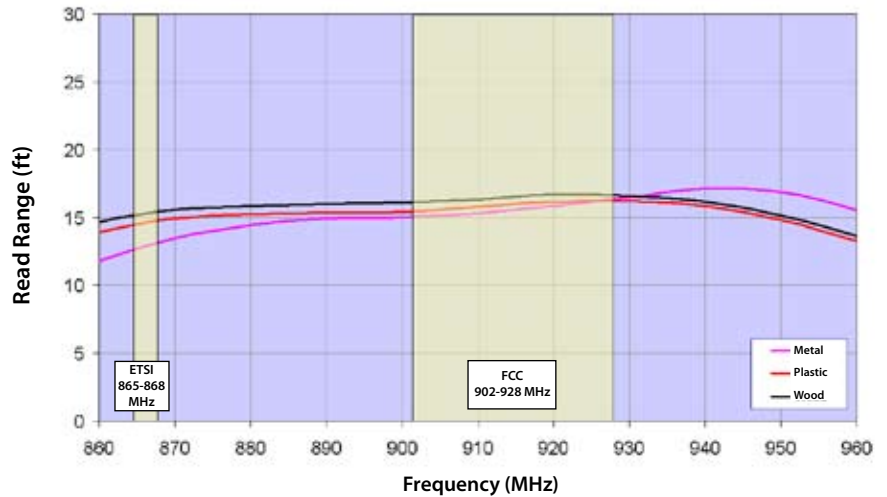
The Rigid Tags are tested for resistance to the following chemicals.

- Machining oil and fluid (long-term exposure)
- Gasoline
- Motor oil
- Methyl Ethyl Ketone (MEK)
- Isopropyl alcohol
- Methyl alcohol
- Mineral spirits
- Acetone
- Kerosene

### Frequencies of Operation

- ISO 18000-6B: 860 MHz to 930 MHz
- EPCglobal Gen 2: 860 MHz to 960 MHz

### Read Range Performance of Small Gen 2 Rigid Tag

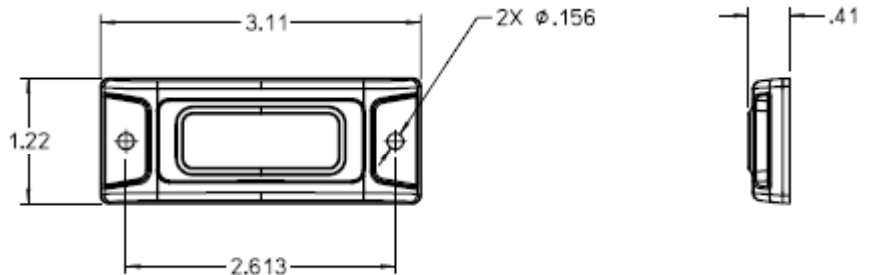


### Note

Actual range performance may vary depending on power output, temperature and other environmental factors.

### Size

1.22 in x 3.11 in (3.10 cm x 7.90 cm)



**North America**  
**Corporate Headquarters**  
 6001 36<sup>th</sup> Avenue West  
 Everett, Washington 98203  
 tel: 425.348.2600  
 fax: 425.355.9551

550 2nd Street S.E.  
 Cedar Rapids, Iowa 52401  
 tel: 319.369.3100  
 fax: 319.369.3453

**Media Supplies**  
 9290 Le Saint Drive  
 Fairfield, Ohio 45014  
 tel: 513.874.5882  
 fax: 513.874.8487

**Canada**  
 7065 Tranmere Drive  
 Mississauga, Ontario  
 L5S 1M2 Canada  
 tel: 905.673.9333  
 fax: 905.673.3974

**Europe/  
 Middle East & Africa  
 Headquarters**  
 Reading International Business Park  
 Basingstoke Road  
 Reading RG2 6DD  
 United Kingdom  
 tel: 44.118.923.0800  
 fax: 44.118.923.0801

**Asia  
 Asia Regional Office**  
 26-16 International Plaza  
 10 Anson Road  
 Singapore 079903  
 tel: 65.6324.8391  
 fax: 65.6324.8393

**Beijing Representative Office**  
 29 FL, Unit A1, China Merchant Tower  
 118 Jian Guo Road  
 Chaoyang District, Beijing 100022  
 Tel: 86.10.5165.5922  
 Fax: 86.10.6567.6778

**Australia**  
 Level 4, 1-3 Atchison Street  
 St. Leonards, NSW 2065  
 Australia  
 tel: 61.2.9330.4400  
 fax: 61.2.9437.0204

**South America & Mexico  
 Intermec South America Ltda.**  
 Rua Samuel Morse 120 9 andar  
 Brooklin CEP04576-060  
 São Paulo, SP  
 Brazil  
 tel: 55.11.5502.6770

**Intermec Technologies de Mexico**  
 Av Tamaulipas #141, Primer Piso  
 Col. Hipodromo Condesa  
 Mexico, DF, 06140 Mexico  
 tel: 525.55.241.4800  
 fax: 525.55.211.8121

**Internet**  
[www.intermec.com](http://www.intermec.com)

**Sales**  
 800.934.3163  
 (toll free in N.A.)  
 tel: 425.348.2726

**OEM Sales**  
 tel: 425.348.2762

**Customer Service and  
 Support**  
 800.755.5505  
 (toll free in N.A.)  
 tel: 425.356.1799

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 611767-01A 07/06

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