

Product Overview

The TROI wire tag originally designed to support RFID applications in the automotive industry. This tag consists of an RFID chip mounted on a small rugged circuit board with a metal wire antenna. This tag is the core for all TROI flexible wire tags. In its basic form it is also an excellent choice for industrial laundry applications where the tag can easily be sewn into a seam or pocket.

Specifications

Dimensions – 140 x 4 x 2 mm

Communication Protocol – EPC Class 1 Generation 2 / ISO 18000-6C

Frequency Range – 860 MHz – 960 MHz

Integrated Circuit (IC) / Memory

- Impinj – 96 bits
- NXP – 512 bits

Materials – Wire based core, polyolefin

Environmental Durability

- Temperature – -25F – 200F
- Impact Resistance –application dependent
- Chemical Resistance –Good

Mounting / Attachment –Mechanical attachment

Performance (*using Motorola MC9090G hand-held unit in asset management scenario*)

- Read Range – 6 feet (2 meters)
- Orientation Sensitivity – linear; performs best at 90 degrees to hand-held linear antenna

Options

- Speak with an RFID TagSource representative to discuss your specification application needs.
- Custom labeling may be limited based on material and form factor. Encoding services available.



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Note: Tag performance and durability will vary based on RFID hardware configuration and other environmental conditions. Customers should evaluate tags for application suitability before committing to large order quantities.

For More information on these and our ever increasing selection of standards based passive RFID tags contact:

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