

FERRO™ ON-METAL LABELS

MoM i500T HANGTAG GLOBAL



UHF hang tag designed for Heavy Duty Industries where high processing temperatures are involved. On-site thermal transfer printable. Upto 450°C short term & upto 360°C continuous temperature resistance. High tensile strength, Weather & UV resistant, High durability.

PHYSICAL SPECIFICATION

Face Stock

Special High Temperature resistant film

Tag Size

105 x 101.6 mm | 4.13" x 4"

Delivery Format

500 pcs on reel

Tag Pitch

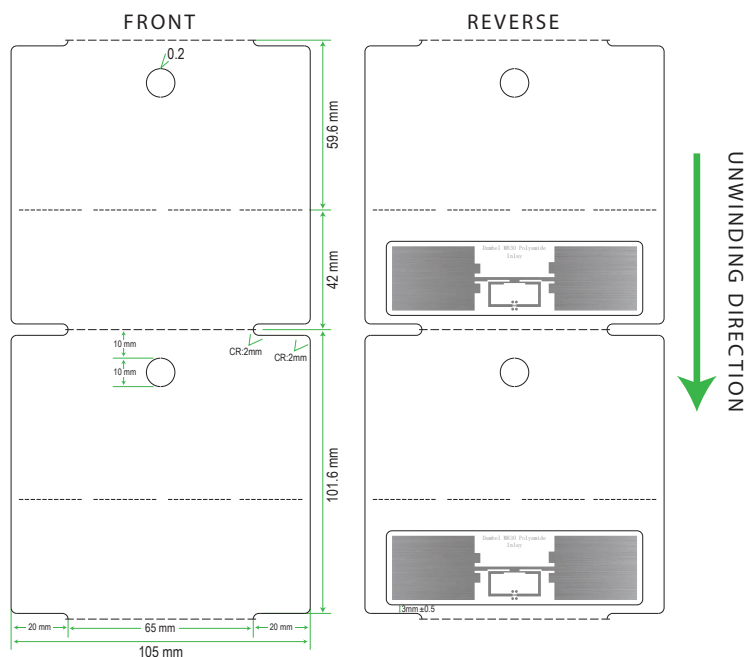
101.6 mm / 4"

Core Inner Diameter

76 mm / 3"

Weight

2.85 g



RF SPECIFICATION

Air interface protocol

ISO 18000-6C and EPC global Gen2v2 compliant

Operational frequency

Global 865-928 MHz

IC type*

Impinj M830

Memory configuration

EPC 128bit, TID 96bit

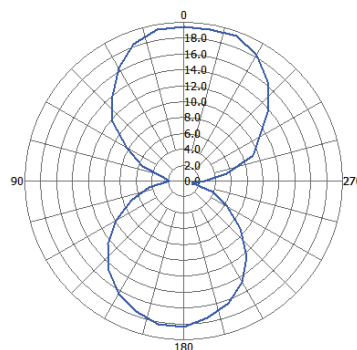
Read range (2W ERP)**

In Free Air Up to 12.5m/ 41ft

Applicable Surface Materials

Metal Surfaces (Attachment by clip or nail)

RADIATION PATTERN



ENVIRONMENTAL RESISTANCE

Service Temperature*** (refer to foot notes)

+450°C for 30 mins for Short-term upto 360 C for Continuous

IP Classification

IP68

Chemical Resistance

No physical or performance changes in:

- 168 h Salt water (salinity 10%) exposure
- 168 h Motor oil exposure
- 12 h NaOH (10%) exposure
- 30 min Acetone exposure

Ideal Storage Condition

+23°C / 50% RH; 1 year

Expected Lifetime

Years in normal operating conditions

*** By service temperature we do not refer to ambient temperature, but the temperature of the asset on which the tag will be "hung" from by clip or stud weld attachment. Please refer to the product installation on page 2.

PERSONALISATION OPTIONS

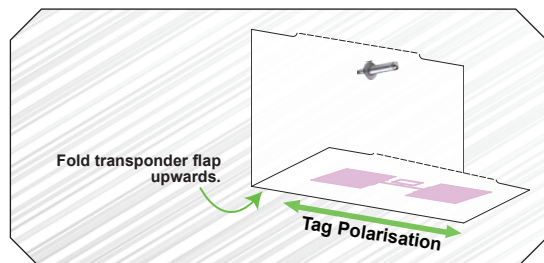
Pre-encoding

- Customer specific encoding of EPC memory

Customised Printing

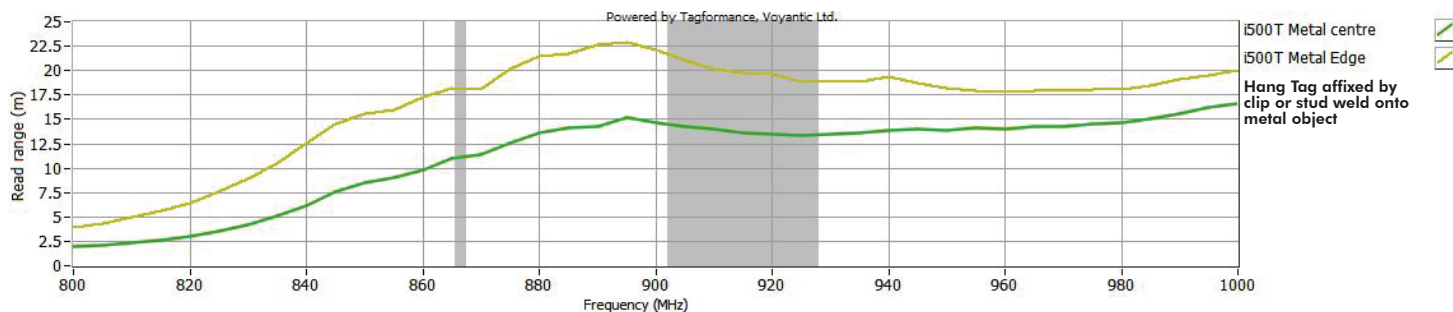
- Customer specific artwork including logo & text, numbers, barcodes etc.

PRODUCT INSTALLATION



- Use a clip or stud weld attachment for the RFID tag, ensuring it secures the label in place without damaging it.
- Ensure the RFID part of the tag is folded at a 90 deg angle. This is crucial for
 1. achieving RF performance
 2. ensuring the RFID component resist the heat

READ RANGE GRAPH



PRINTER COMPATABILITY

Successfully tested for printing & encoding on the following printers models.

- Zebra ZT411 On-Metal
- SATO CL4 NX Plus
- Printronix T6000e series

For setup instructions and printer configurations contact iotsales@sivagroup.co

For compatability info with other printer models contact iotsales@sivagroup.co

ORDER INFORMATION

Part Number

RF.HT.i500T

Packaging

500 Tags/Roll;
4 Rolls/Carton