Network Toll Solution



RFID SOFT METAL TAGS

Model Number: NTS-RT 18

Available Size

Size	Read Range
95 x 22 x 1.25 mm	8 mt
65 x 35 x 1.25 mm	6 mt
55 x 15 x 1.25 mm	4 mt
30 x 15 x 1.25 mm	0.7 mt
60 x 25 x 1mm	5 mt
70 x 30 x 1mm	6 mt
80 x 40 x 1mm	7 mt

Description

RFID Soft Metal Tags are also known as anti-metal label tags which are flexible and soft in nature. These tags are ideally meant for application on curved and flat surface. The RFID chip and antenna is embedded inside specially designed soft PVC backed by foam and adhesive. It provides excellent accuracy and read range when applied to metal body for quick tracking and identification of assets. It works of UHF 865 – 928 Mhz frequency and fully compatible with all RFID Fixed and Handheld Readers available in the market. These tags are best fit for applications where hard and bulky metal tags cannot be used for example laptop IT Assets, hospital assets, pipes & rods etc. Slim and narrow size of the tag makes it easy for the user to mount it on complex assets like laptop, testing machines, servers and hard disks, wireless devices, tubes and cylinders etc. We use high quality industrial grade adhesive to provide extra grip and long life to the tag once attached on the asset.

Personalization services are also available which includes customized printing of logo, text, encoding, tag ID etc.

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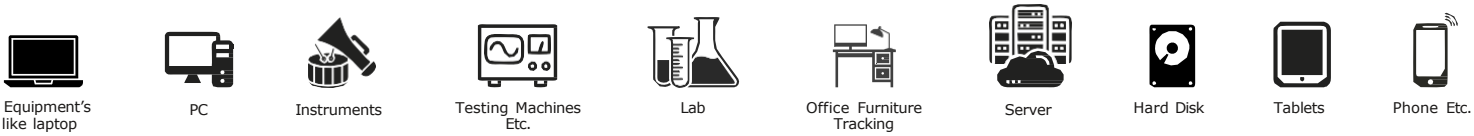
Key Features

- Designed to work with Global UHF Frequency.
- Highly rugged for extreme environment conditions that of manufacturing and warehousing
- High read range tested to up to 8 meters
- General purpose application on assets and on metal items
- Laser Printing and encoding optional.100% tested with 0.01% failure rate
- Warranty: 10 years except for physical intentional damage
- Back side adhesive.
- Works with linear and circular polarized antennas

Specification

Physical Specifications	
Material Type	PVC, PP , Foam with Adhesive at back side
Adhesive	3M
Delivery format	Roll
No. of labels/Roll	1,000 pcs /roll or 500 pcs/roll
IP Rating	IP65
Environmental Resistances	
Operating temp.	-40 °C to 85 °C -40 °F to 185 °F
Relative humidity	5-95% Non-Condensing
Personalization Options	
Encoding	Possible
Customized printing	Possible
RFID Specifications	
Operating mode	Passive
Frequency Band	865-867 Mhz
RF protocol	EPC class 1Gen 2
IC	Impinj Monza R6-P / U Code
Functionality	Read/Write
EPC memory	128(96)bits
TID memory	48-bit unique serial number
User memory	32 bit
Access password	Access/Kill short-range mode
Kill password	Access/Kill short-range mode
Write cycle endurance	2,00,000 cycles
Read range	Up to 8 meters

Application Areas



Notice: Product specifications are subject to change without prior notice. / Model: NTS-RT 18 Series / Update Date : 26/04/2023

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