



# MESONTAGS

*the smarter way of identification*

## Description & Features

HF DuraMax Tag's rugged construction and high durability make it best suitable RFID tag for asset identification, along with other applications like warehouse management, container management, waste management and many more. It can be customized with different IC variants and memory area depending on requirement.



**HF DURAMAX TAG** (Part No.: 2103N8504)

[www.mesontags.com](http://www.mesontags.com)

### Electrical Characteristics

Communication ISO Protocol	ISO/IEC 15693
Operating Frequency band	13.56 MHz
Chip type	<b>NXP I-Code SLIX-L (Other upon request)</b>
Memory Organization	• 512 bits, organized in 16 blocks of 4 bytes each, 4 blocks

- are summed up to 1 page
- 32 bit privacy password
- 32 bit destroy password
- Electronic Article Surveillance (EAS)
- Application Family Identifier (AFI) supported
- Data Storage Format Identifier (DSFID)

Data retention	50 Years
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### Physical Characteristics

Dimension	: 50 x 50 x 10mm
Hole size	: 5.0mm
Encasement	: ABS/PC
Weight	: 18 gm
Color	: Grey (other upon request)
Quality Testing	: 100%

### Environmental Characteristics

Ingress Protection	: IP67
Operating Temperature	: -40°C to +85°C
Storage Temperature	: -40°C to +85°C
Application	: Off metal
Attachment/ mounting	: Adhesive / Screw / Rivet

### Chemical Characteristics

■ Resistance to salt water exposure	: Yes
■ Resistance to lubricant exposure	: Yes
■ Resistance to IPA & thinner	: Yes

### Optional

■ Encoding/ Programming	: Yes
■ Logo and/or Text printing	: Yes

### Ordering code and descriptions

2103N8504	: With NXP I-Code SLIX-L
2103N8505	: With NXP I-Code SLIX-S
2103N8506	: With NXP NTAG213
2103N8507	: With NXP Mifare UL

### Dimensions

