



# MESONTAGS

*the smarter way of identification*

## Description & Features

HF Button tag is mechanically highly durable and rugged constructed especially to use in laundry and linen identification, tracking of garments in rental, textile and dry cleaning industry. It is designed to endure harsh washing conditions like- high pressure, heat, detergent & chemical washing.



**HF BUTTON TAG** (Part No. : 21A3N9904)

[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	<ul style="list-style-type: none"> <li>• 512 bits, organized in 16 blocks of 4 bytes each, 4 blocks</li> <li>are summed up to 1 page</li> <li>• 32 bit privacy password</li> <li>• 32 bit destroy password</li> <li>• Electronic Article Surveillance (EAS)</li> <li>• Application Family Identifier (AFI) supported</li> <li>• Data Storage Format Identifier (DSFID)</li> </ul>
Data retention	50 Years

### Physical Characteristics

Dimension	: Dia 16mm, Thickness 3mm
Encasement	: Engineering Plastic
Weight	: 0.95gms
Color	: Grey, Black or White
Quality Testing	: 100%

### Environmental Characteristics

Ingress Protection	: IP68
Operating Temperature	: -40°C to +150°C, 180°C for short time
Storage Temperature	: -40°C to +80°C
Application on	: Textile / Fabric
Attachment/ mounting	: Tailoring

### Chemical Characteristics

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

### Additional Customization

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

### Ordering code and descriptions

21A3N9904	: With NXP I-Code SLIX
21A3N9905	: With NXP I-Code SLIX-S
21A3N9906	: With NXP I-Code NTAG213

### Dimensions

