

# DATASHEET

## Sheep Tag

Tag Code: L441131

Sheep Tag is ICAR approved and ideal for identification, tracking and health and nutrition management. Sheep Tag is especially made using TPU material and over moulded to make it more robust and durable in outdoor environment. It is available in different animal modes including FDX as well as HDX.



### Electrical Specification

Air Interface Protocol	ISO/IEC 11784/85, Animal mode: FDX, HDX
Operational Frequency	134.2KHz
Chip**	EM4305 FDX
	512 bit EEPROM organized in 16 words of 32 bit
	<ul style="list-style-type: none"> <li>❖ 32 bit unique identifier (UID)</li> <li>❖ 32 bit Password read and write protection</li> <li>❖ Lock feature converts EEPROM words into Read Only</li> <li>❖ Two data encodings: Manchester and Bi-phase</li> <li>❖ Multi-purpose data rate: 8, 16, 32, 40 and 64 RF clocks</li> </ul>

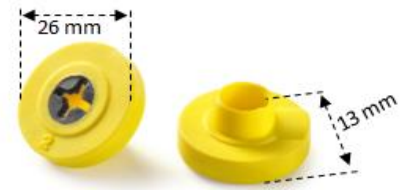
### Physical / Mechanical Specification

Diameter	Ø26 mm
Height	13mm
Weight	5.6gm
Encasement	TPU
Color**	Yellow
Quality Assurance	100% reader tested

## Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP 67
Attachment***	With Male Pin using Applicator
Expected Lifetime	Years in normal operating conditions

## Dimensions



## Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

## Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

\* Actual Read range may vary depending upon the reader and environmental factor

\*\* Other on request

\*\*\* Available as an option at extra cost

## Order Information

L44124A	With SIC 7999 HDX
L44129A	With SIC 7888 FDX
L441055	With HitagS 256
L441219	With Hitag micro

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