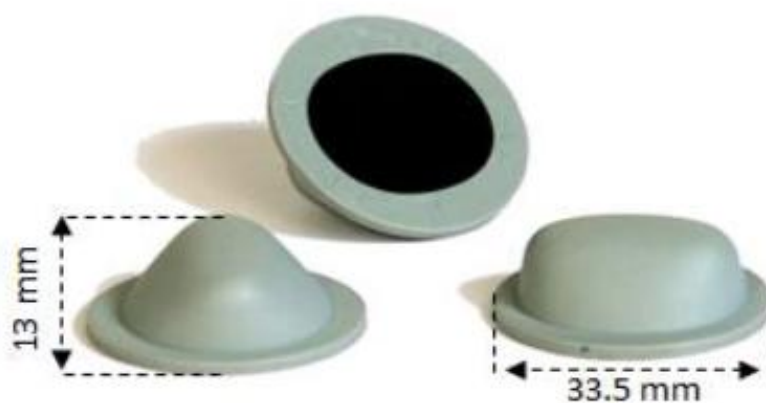# LF Beer Keg Tag

Product Code: L161171

Beer Keg Tag is used in beer keg management systems to track the location of each beer keg and collect information regarding usage and transport enabling better control and visibility. Omnia's beer keg tags operate effectively in metallic environment.

Tag Dimensions

13 mm

33.5 mm

Electrical Specifications

Air Interface Protocol	ISO/IEC 11784/85, Read Only Mode
Operational Frequency**	125kHz (134.2kHz on request)
Chip**	EM4200
	128-bit laser programmed ROM (64 & 96-bit option available)
	Several options of data rate and data encoding ❖ Manchester 32 & 64 RF clock per bit ❖ Bi phase 32 & 64 RF clock per bit ❖ PSK 16 RF clock per bit ❖ FSK2 50RF clock per bit
Read range*	Up to 75 mm on GiS TS-RW 380 Plus Reader
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP67
Attachment***	Adhesive/Metal Ring Welding
Expected Lifetime	Up to 5 Years in normal operating conditions

Physical and Mechanical Specification

Dimension	Ø33.5 ± 0.2 mm
Thickness	13±0.2mm
Weight	6.30 gm
Colour	Grey
Encasement	PC/ABS High Impact & Epoxy
Quality Assurance	100% reader tested

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

Order Information

L161171	With EM 4200 tuned at 125KHz
L161131	With EM 4305 tuned at 125KHz
L161055	With Hitag S 256 tuned at 125KHz

*	Actual read range may vary depending upon the reader
**	Other on request
***	Available as an option at extra cost