

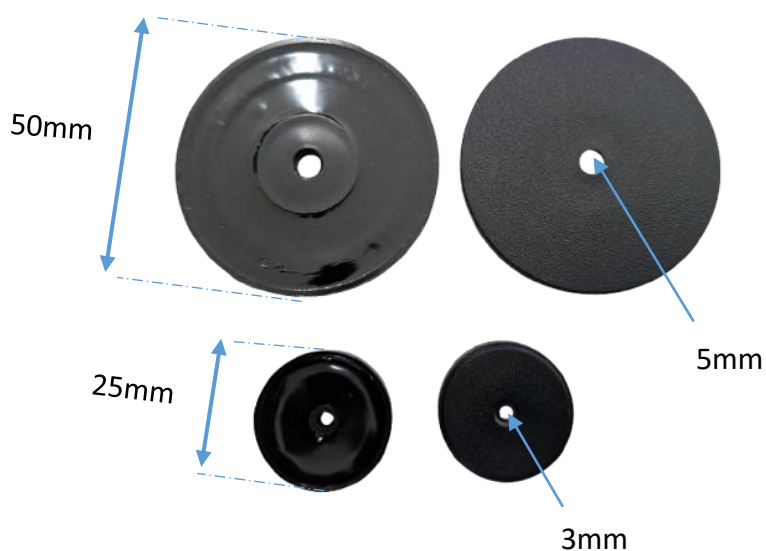
LF Epoxy Disc Tag

Product Code: L37X171

The Epoxy Disc Tag is ideal for tracking assets in industrial and logistical applications, especially for waste management. It is available in different sizes and memory.



Tag Dimensions



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 clocks per bit ❖ PSK 16 RF clocks per bit ❖ FSK2 50RF clocks per bit	
Diameter	Ø 25 mm	Ø 50 mm
Read Range*	Up to 80 mm on GiS TS-RW 380 Plus Reader	UP to 100 mm on GiS TS-RW 380 Plus Reader
Operating temperature	-40°C to +80°C	
Storage temperature	-40°C to +80°C	
Ingress protection rating	IP67	
Attachment***	Rivet / Screw /Adhesive	
Expected Lifetime	Up to 5 Years in normal operating condition	

Physical and Mechanical Specification

Diameter	Ø 25 mm	Ø 50 mm
Thickness	3.5 ± 0.2 mm	3.0 ± 0.2mm
Hole Diameter	3.0 mm	5.0 mm
Weight	3.0 g	8.0 g
Color**	Black	
Encasement	PC / Nylon	
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

L374171	With EM 4200 (For Ø25 mm Tag)
L374131	With EM 4305 (For Ø25 mm Tag)
L374055	With NXP HitagS 256 (For Ø25 mm Tag)
L376171	With EM 4200 (For Ø50 mm Tag)
L376131	With EM 4305 (For Ø50 mm Tag)
L376055	With NXP HitagS 256 (For Ø50 mm Tag)

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

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