

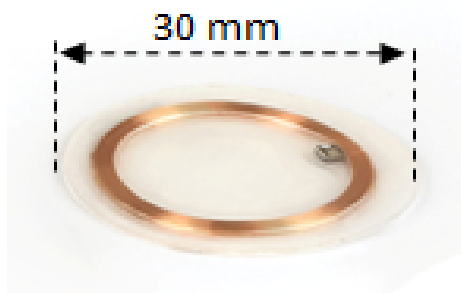
## HF PET Disc Tag

**Product Code: L11XXXX**

PET Disc Tag is Ideal for access control, security & logistics applications. These clear disc tags consist of an RFID E-unit laminated between two PET sheets. It is available with different chips & memory sizes.



### Tag Dimensions



## Electrical Specifications

Air Interface Protocol	ISO/IEC 15693 & ISO/IEC 14443					
Operational Frequency	13.56 MHz					
Chip**	I-Code SLIX-L / NTAG 213 / I-Code SLI					
	I-CODE SLIX-L: 512 bits, organized in 16 blocks of 4 bytes each, 4 blocks are summed up to 1 page					
	NTAG213: 180 bytes, organized in 45 pages of 4 byte					
	I-Code SLI: 1024 bits, organised in 32 blocks					
Diameter	Ø16 mm	Ø18 mm	Ø20 mm	Ø25 mm	Ø27 mm	Ø30 mm
Product code	H111209	H112209	H113209	H114279	H115107	H116209
Chip	I-Code SLIX-L	I-Code SLIX-L	I-Code SLIX-L	NTAG 213	I-Code SLI	I-Code SLIX-L
Read Range*	Up to 30 mm on GIS TS - HR 38 Reader	Up to 35 mm on GIS TS - HR 38 Reader	Up to 40 mm on GIS TS - HR 38 Reader	Up to 10 mm on GIS TS - HR 38 Reader	Up to 45 mm on GIS TS - HR 38 Reader	Up to 60 mm on GIS TS - HR 38 Reader
Operating temperature	-25°C to +55°C					
Storage temperature	-40°C to +60°					
Ingress protection rating	IP67					
Attachment***	Adhesive					
Applicable surface	Plastic, Wooden					
Expected Lifetime	Up to 5 Years in normal operating conditions					

## Physical and Mechanical Specification

Diameter	Ø16±0.1 mm	Ø18±0.1mm	Ø20±0.1mm	Ø25±0.1mm	Ø27±0.1mm	Ø30±0.1mm
Thickness	0.90 mm	0.90 mm	0.90 mm	0.90 mm	0.90 mm	0.90 mm
Weight	0.10 gm	0.14 gm	0.17 gm	0.20 gm	0.23 gm	0.25 gm
Encasement	PET					
Quality Assurance	100% Read Tested					
Colour	Transparent					

## 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

H11X158	With NXP Mifare UL chip
H11X209	With NXP I-CODE SLIX-L
H11X107	With NXP I-CODE SLI
H11X098	With NXP Mifare 1K

For 16 mm PET Disc Tag X value is 1

For 18 mm PET Disc Tag X value is 2

For 20 mm PET Disc Tag X value is 3

For 25 mm PET Disc Tag X value is 4

For 27 mm PET Disc Tag X value is 5

For 30 mm PET Disc Tag X value is 6

(For Ex: H11X209⇒H1112009 is 16mm PET Disc Tag with ICODE SLIX-L Chip)

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

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