

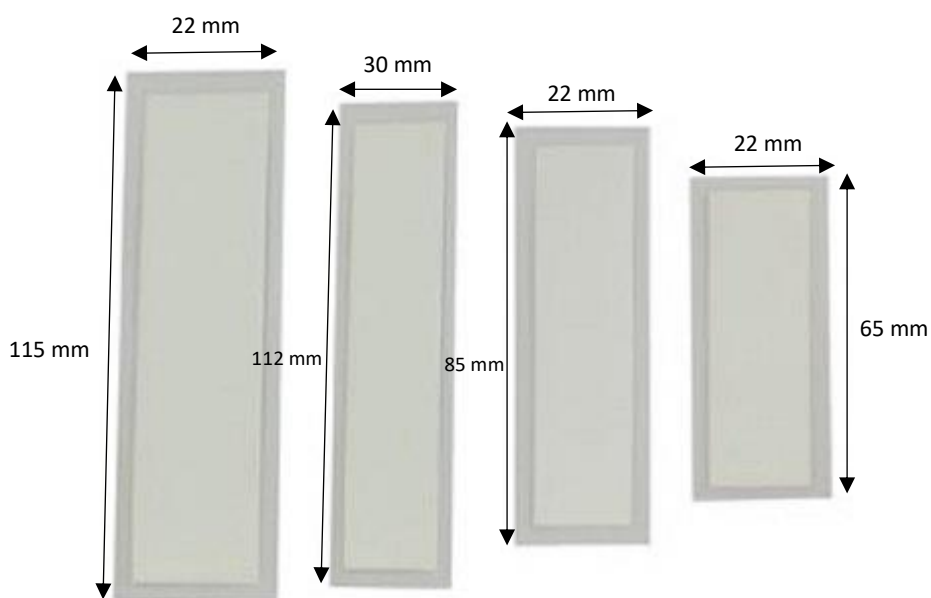
UHF PET Laminated Tag

Product Code: U288XX10

PET Laminated Tag is a UHF Gen2 long range, passive tag. It is suitable for tracking items/assets in an indoor environment. PET Tag is ideally used for non-metallic assets tracking as well as for pallet tracking. It is available in multiple sizes and with different read ranges.



Tag Dimensions



Electrical Specifications

Air Interface Protocol	ISO/IEC 18000-6C, EPC Global C1G2			
Operational Frequency	860 – 960 MHz			
Chip**	Alien Higgs-3			
Memory Configuration	EPC–96 bits, extendible to 480bits			
	TID – 96 bits unalterable unique			
	User memory – 512 bits			
	Access password – 32 bits			
	Kill password – 32 bits			
Data Retention	50 Years			
Writ endurance	100,000 cycles			
Dimensions	112 x 30 mm	115 x 22 mm	65 x 22 mm	85 x 22 mm
Tag Code	U2882710	U2881510	U2880510	U2883410
Read Range*	10-12 m on Fixed reader with linear antenna	10-8 m on Fixed reader with linear antenna	9-8 m on Fixed reader with linear antenna	10-11 m on Fixed reader with linear antenna
Operating temperature	-40°C to +85°C			
Storage temperature	-40°C to +85°C			
Ingress protection rating	IP67			
Attachment***	Self Adhesive			
Applicable surface	Plastic, Wooden			

Physical and Mechanical Specification

Dimensions	112 x 30 mm	115 x 22 mm	65 x 22 mm	85 x 22 mm
Weight	2.2 g	1.8 g	1.2 g	1.5 g
Thickness	0.7 mm			
Encasement	PET			
Quality Assurance	100% reader tested			

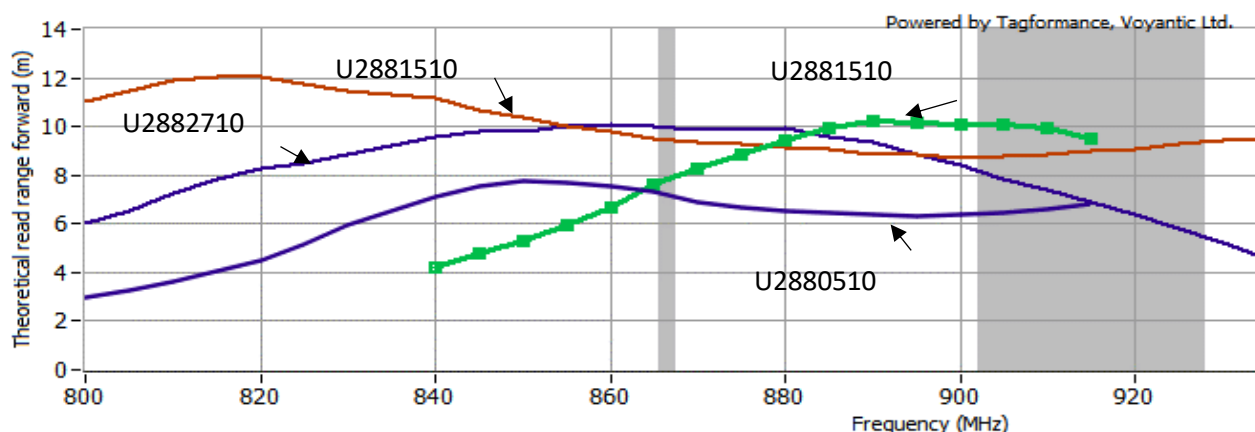
Chemical Resistance

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

Linear Frequency Graph



Additional Services

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

Order Information

U288XX10	With Alien higgs-3 chip tuned at Global frequency
U288XX12	With Alien higgs-4 chip tuned at Global frequency

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

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