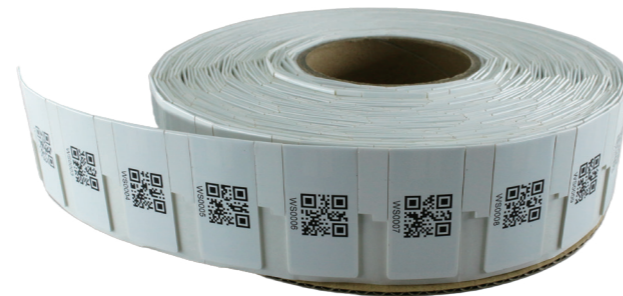


## HY-RLT5025 Tamper Proof flexible uhf on-metal tag

### Product introduction

Tamper-Proof Flexible UHF On-Metal RFID Label is a specialized tag designed to solve a critical challenge: reliably tracking and authenticating metal assets while providing clear evidence of unauthorized removal or tampering.

This combination makes it the go-to choice for tracking high-value, curved metal assets where security and audit trails are paramount.



### Anti-uncovering effect display

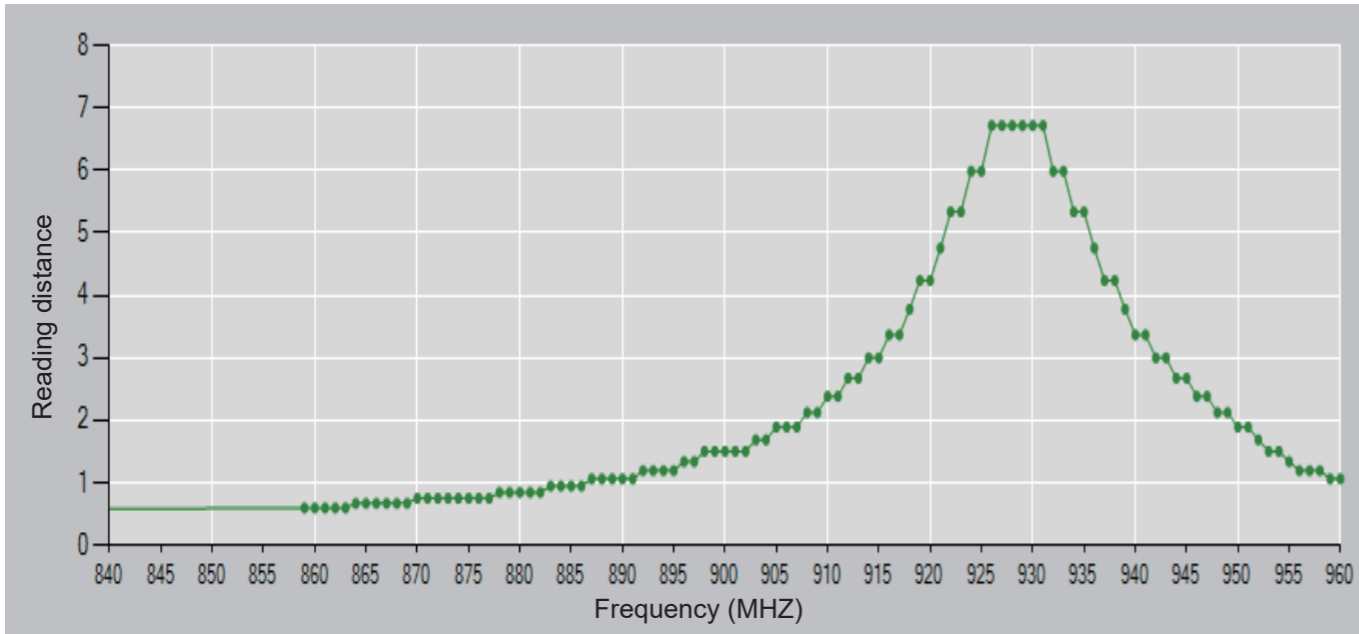


Note: The above tamper-proof effect is revealed after the label is attached for 3-4 hours. The longer the label is attached, the higher the fragile success rate and the better the tamper-proof effect.

### Specification parameter

Protocol	EPC Class 1 Gen 2 (ISO 18000-6C)
Frequency	902-928MHz
Chip	NXP Ucode9
Memory	0-bit User memory
	48-bit serialize TID
	96-bits EPC
Application temperature	-40°F to +185°F (-40°C to + 85°C)
Working temperature	-40°F to +185°F (-40°C to + 85°C)
Weight (roll)	0.71 kg (500 pcs)
Size/tolerance (mm)	50(+/- 1) x 25(+/- 0.8) x 1.26(+/- 0.1)
Width	53(+/- 1)mm
Pitch	35(+/- 0.8)mm
Blank space ruler between labels	10(+/- 0.1)mm
R angular dimension	1.5(+/- 0.2)mm
Printing performance	Fabulous
Metal surface reading distance	0-3m (handset)
Non-metallic surface reading distance	0-2m (handset)
Surface material	White PET
Color standard	White
Backed adhesive material	Ordinary adhesive, 3M adhesive
Standard packaging	500 Piece/Roll,Weighing 560g
Inner core diameter	3 in (76.2 mm)
Outer coil diameter	8 in (203 mm)

**HY-RLT5025 Tamper Proof flexible uhf on-metal tag**



RFID electronic tag test							
Product name	HY-RLT5025 Tamper Proof flexible uhf on-metal tag			Date	2020-4-28		
Machine number	03		Judgement result				
Starting frequency (MHz)	840	Termination frequency (MHz)	960	Step (MHz)	1	Frequency points	121
Frequency	Power	RSSI	Reading distance	Sensitivity	measured power	EPC	Tid
900	22	0	1.50356170088182	0.930952530771577	22	E280699500005 0020215D240	
901	22	0	1.50356170088182	0.921306899976816	22		
902	22	0	1.50356170088182	0.91167196871924	22		
903	21	0	1.68702397557105	-0.0979522867120366	21		
904	21	0	1.68702397557105	-0.107565889949189	21		
905	20	0	1.89287203344058	-1.11716886454599	20		
906	20	0	1.89287203344058	-1.12676123397819	20		
907	20	0	1.89287203344058	-1.13634302164383	20		
908	19	0	2.12383735315241	-2.14591425086363	19		
909	19	0	2.12383735315241	-2.15547494488127	19		
910	18	0	2.38298470417284	-3.1650251268638	18		
911	18	0	2.38298470417284	-3.17456481990189	18		
912	17	0	2.67375281440124	-4.18409404701025	17		
913	17	0	2.67375281440124	-4.19361283112791	17		
914	16	0	3	-5.20312119511855	16		
915	16	0	3	-5.21261916177089	16		
916	15	0	3.36605536290589	-6.22210675379893	15		
917	15	0	3.36605536290589	-6.23158399384235	15		
918	14	0	3.7767762353825	-7.24105090446677	14		
919	13	0	4.23761263386826	-8.25050750816415	13		
920	13	0	4.23761263386826	-8.25995382735303	13		
921	12	0	4.75467957738334	-9.2693898843789	12		
922	11	0	5.33483823011677	-10.2788157015145	11		
923	11	0	5.33483823011677	-10.2882313009602	11		
924	10	0	5.98578694490664	-11.2976367048441	10		
925	10	0	5.98578694490664	-11.3070319352226	10		
926	9	0	6.71616341570502	-12.3164170140806	9		
927	9	0	6.71616341570502	-12.3257919633319	9		
928	9	0	6.71616341570502	-12.3351568048192	9		
929	9	0	6.71616341570501	-12.3445115603148	9		
930	9	0	6.71616341570501	-12.3538562515206	9		