

OR1728-Flexible metal label specifications



Introduction: This flexible metal tag is compatible with EPC, C1G2 and ISO 18000-6C standards. It is suitable for use in environments rich in metals and liquids. It can be packaged as any kind of printed labels, barcodes or graphic labels. Its light and thin shape makes it easy to attach to curved objects, such as cylinder bottles, pipes, metal containers and fixed assets. It is widely used in the fields of product certification, asset tracking, logistics tracking, valuable anti-counterfeiting and medical asset management, etc., to improve operating efficiency and inventory management for manufacturers and retailers.

Item	Parameter
Protocol	EPC Class 1 Gen 2 (ISO 18000-6C) Passive UHF RFID Tag
Working frequency	905-925MHz (US band)
Chip	Impinj Monza R6-P
RAM	32-bit user memory; 48-bit serialized TID; 128-bits EPC;
Application temperature	-40° F to +185° F (-40° C to + 85° C)
Operating temperature	-40° F to +185° F (-40° C to + 85° C)
Weight (roll)	0.56 kg (500 pcs)

Size / tolerance (mm)	60(+/- 1) x 25(+/- 0.8) x 1.26(+/- 0.1)
Width	63(+/- 1)mm
Label	30.5(+/- 0.8)mm
Space between labels	25(+/- 0.1)mm
R angular size	1.5(+/- 0.2)mm
Print performance	excellent
Reading distance on metal surface	8m
Plastic surface reading distance	3.5m
Reading distance on liquid surface	9m
Surface material	White PET
Color standard	white
Adhesive material	High strength adhesive
standard packaging	500 piece/roll
Core diameter	3 in (76.2 mm)
Outer diameter	8 in (203 mm)
Support printer	Zebra RZ400/ R110Xi4, SATO CL4NX, Toshiba SX-5

RFID电子标签测试							
产品名称	柔性可打印抗金属标签 6025 美标			日期	2019-08-09		
机台号	01			判定结果			
起始频率(MHz)	840	终止频率(MHz)	960	步进(MHz)	1	频率点	121
频率	功率	RSSI	读距	灵敏度	实测功率	EPC	Tid
905	6.94	0	8.51375708532466	-14.177168864546	4	C20304300002 019040000289	C2030430
906	6.935	0	8.5186594087289	-14.1917612339782	4		
907	7.932	0	7.59488591738084	-13.2043430216438	5		
908	6.929	0	8.52454592307491	-14.2169142508636	4		
909	6.926	0	8.52749070544658	-14.2294749448813	4		
910	6.923	0	8.53043650508573	-14.2420251268638	4		
911	6.922	0	8.53141866441895	-14.2525648199019	4		
912	6.922	0	8.53141866441895	-14.2620940470102	4		
913	6.922	0	8.53141866441896	-14.2716128311279	4		
914	6.923	0	8.53043650508573	-14.2801211951186	4		
915	6.925	0	8.52847252561257	-14.2876191617709	4		
916	6.928	0	8.52552740419077	-14.2941067537989	4		
917	6.93	0	8.52356455494973	-14.3015839938423	4		
918	6.932	0	8.52160215761941	-14.3090509044668	4		
919	6.933	0	8.52062112838824	-14.3175075081641	4		
920	6.934	0	8.51964021209575	-14.325953827353	4		
921	6.935	0	8.5186594087289	-14.3343898843789	4		
922	6.936	0	8.51767871827473	-14.3428157015145	4		
923	7.933	0	7.59401157415824	-13.3552313009602	5		
924	7.929	0	7.59750955110471	-13.3686367048441	5		
925	7.926	0	7.60013409115607	-13.3810319352226	5		

