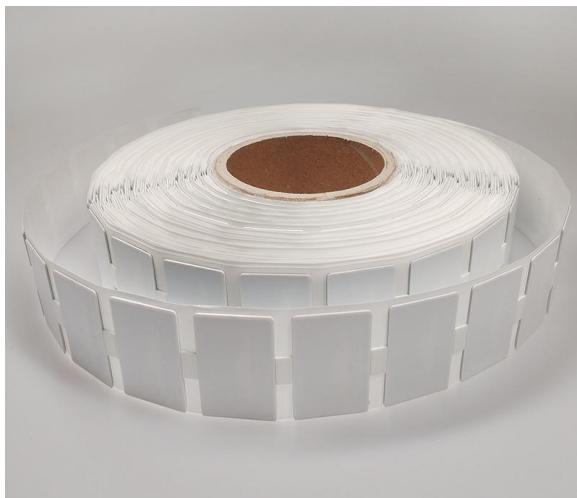


OR1727 Flexible metal label specifications



This flexible metal label is compatible with EPC, C1 G2 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, valuables 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	902-928MHz (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)	0.485 kg (500 pcs)
Size / tolerance (mm)	40(+/- 1) x 25(+/- 0.8) x 0.8(+/- 0.1)
Width	45(+/- 1)mm
label	30.48(+/- 0.8)mm
Space between labels	10(+/- 0.1)mm
R angular size	0.5(+/- 0.2)mm
Print performance	Excellent
Reading distance on metal surface	1.5-3m (Handset)
Non-metallic surface reading distance	1.5-2m (Handset)
Surface material	White PET
Color standard	white

Adhesive material	High strength adhesive
standard packaging	500 pieces / 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 4025 美标			日期	2019-08-24		
机台号	01			判定结果			
起始频率(MHz)	840	终止频率(MHz)	960	步进(MHz)	1	频率点数	121
频率	功率	RSSI	读距	灵敏度	实测功率	EPC	Tid
902	15.952	0	3.01662450556813	-5.13632803128076	13	E2801170000002 0BDA8F42C2	E2801170
903	15.948	0	3.01801403241749	-5.14995228671204	13		
904	15.944	0	3.01940419931498	-5.16356588994919	13		
905	15.94	0	3.02079500655541	-5.17716886454599	13		
906	15.935	0	3.02253441653759	-5.19176123397819	13		
907	13.932	0	3.80645986264683	-7.20434302164383	11		
908	13.929	0	3.80777479437495	-7.21691425086363	11		
909	12.926	0	4.27386947644505	-8.22947494488127	10		
910	12.923	0	4.27534587361701	-8.2420251268638	10		
911	12.922	0	4.27583811933621	-8.25256481990189	10		
912	12.922	0	4.27583811933621	-8.26209404701025	10		
913	12.922	0	4.27583811933621	-8.27161283112791	10		
914	12.923	0	4.27534587361701	-8.28012119511855	10		
915	12.925	0	4.27436155217796	-8.28761916177089	10		
916	12.928	0	4.27288549491987	-8.29410675379893	10		
917	13.93	0	3.80733643333557	-7.30158399384235	11		
918	13.932	0	3.80645986264683	-7.30905090446677	11		
919	12.933	0	4.27042653212299	-8.31750750816415	10		
920	12.934	0	4.26993490939993	-8.32595382735303	10		
921	13.935	0	3.80514538500162	-7.3343898843789	11		
922	12.936	0	4.268951833738	-8.34281570151451	10		
923	12.933	0	4.270426532123	-8.35523130096017	10		
924	12.929	0	4.27239358911455	-8.36863670484406	10		
925	13.926	0	3.80909018034283	-7.38103193522258	11		
926	13.923	0	3.8104060207074	-7.39341701408061	11		
927	13.916	0	3.81347808287146	-7.40979196333187	11		
928	13.909	0	3.81655262182301	-7.42615680481917	11		

