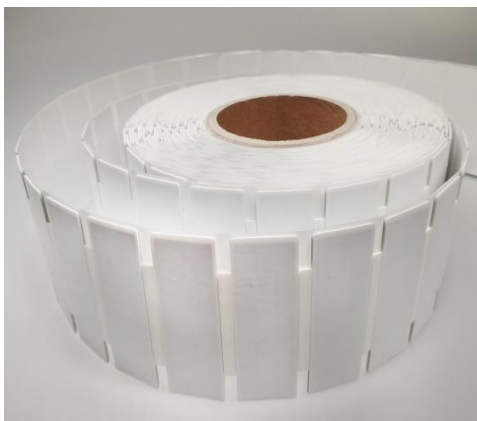


## OR1729-Flexible metal label specifications



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)	0.71 kg (500 pcs)

Size / tolerance (mm)	80(+/- 1) x 25(+/- 0.8) x 1.26(+/- 0.1)
Width	83(+/- 1)mm
Label	30(+/- 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	12m
Plastic surface reading distance	6m
Reading distance on liquid surface	5m
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 8025 美标						
机台号	01	日期	2019-08-09				
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	E280117000000 20CC46BB404	E2801170
903	15.948	0	3.01801403241749	-5.14995228671204	13		
904	13.944	0	3.80120467499565	-7.16356588994919	11		
905	13.94	0	3.80295559757354	-7.17716886454599	11		
906	12.935	0	4.26944334327377	-8.19176123397819	10		
907	12.932	0	4.27091821144946	-8.20434302164383	10		
908	11.929	0	4.79370445102793	-9.21691425086363	9		
909	11.926	0	4.79536042384922	-9.22947494488127	9		
910	10.923	0	5.38234156450579	-10.2420251268638	8		
911	9.922	0	6.03978187829155	-11.2525648199019	7		
912	9.922	0	6.03978187829155	-11.2620940470102	7		
913	8.922	0	6.7767467274017	-12.2716128311279	6		
914	8.923	0	6.77596657051232	-12.2801211951186	6		
915	7.925	0	7.60100913930008	-13.2876191617709	5		
916	7.928	0	7.59838429706998	-13.2941067537989	5		
917	6.93	0	8.52356455494973	-14.3015839938423	4		
918	5.932	0	9.5613948810684	-15.3090509044668	3		
919	5.933	0	9.56029414816682	-15.3175075081641	3		
920	4.934	0	10.7255915623508	-16.325953827353	2		
921	4.935	0	10.7243568040683	-16.3343898843789	2		
922	4.936	0	10.7231221879344	-16.3428157015145	2		
923	4.933	0	10.7268264627983	-16.3552313009602	2		
924	4.929	0	10.7317674865654	-16.3686367048441	2		
925	4.926	0	10.7354747479253	-16.3810319352226	2		
926	4.923	0	10.739183289949	-16.3934170140806	2		
927	5.916	0	9.57902385322399	-15.4097919633319	3		
928	6.909	0	8.5441970309336	-14.4261568048192	4		

