



This high-temperature resistant mount-on metal UHF RFID tag has two small magnets for easy mounting and removal from metal objects.

This mount-on-metal, high-temperature resistant tags offer robust performance at an attractive price point. It has two small magnets for easy mounting and removal from metal objects. The UHF tag provides a good read distance of about 14ft or a little over 4m when mounted on metal. Constructed with durable flame retardant 4 (FR-4) laminate, these UHF tag can endure temperatures of 200°C (even in oil), high humidity, and pressure of up to 15-bar. As well, With an IP68 protection rating, the tag is resistant to vibration and mechanical shock. Barcodes and 2D barcodes and encoding are available for the tags.



Features

- ✓ Excellent On Metal Read Range
- ✓ RoHS Compliant
- ✓ Resistant to high temperature – tags tested at 200°C (392°F) for 6 hours, and 200°C in hot oil for 6 hours
- ✓ Resistant to humidity – tags tested at 85°C/95% RH humidity test for 168 hours
- ✓ Sturdy – tags withstood 1kg iron ball impact test from a height of 1.5m
- ✓ IP68 protection rating
- ✓ EPC Class1 Gen2 with ALIEN Higgs3
- ✓ 1 & 2D barcode printing available
- ✓ Encoding available



Technical Specifications

Standards Compliance	EPC Class 1 Gen 2 Passive				
Read Range	Read Type	Fixed Reader (4W)		Handheld Reader (2W)	
		Off-metal	On-metal	Off-metal	On-metal
	Min. Range	0.8	3.5m	0.4m	1.2m
	Max. Range	1.2m	4.0m	0.8m	1.5m
Dimensions	92mm × 15.8mm × 5.2mm (L × H × T)				



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