



UNIVERSAL RFID PRODUCT COMPARISON GUIDE

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Product Name		 Universal RFID Tag	 Universal Mini RFID Tag	 Universal RFID Hard Tag	 EU Universal RFID Asset Tag	 Universal On-site Printable Mini
Typical Applications		Education, Office, IT Assets Metal Returnable Containers	Government & IT Assets, Tool Tracking, K-12 & University Inventory	Outdoor Assets, Fleet Management, Metal Returnable Containers, Construction Equipment	Metal Containers, Resort and Education Assets, Office Equipment	In-Process Inventory, Production Line & Pipe Tracking, Gas & Oil Assets
RF Specifications	Frequency Range (MHz)	902-928 MHz	902-928 MHz	US 902-928 MHz	865*868 MHz	US 902-928 MHz
	Read Range (ft)	27.6 ft.	13.8 ft.	10 ft. on <i>metal</i> using Convergence CS-101 reader at 30dBm	Metal: 27.9 ft., Plastic: 10.5ft Cardboard: 8.9 ft., Wood: 14.4 ft. Glass: 28.9 ft..	13.5 ft. on metal - <i>anechoic chamber results</i>
	Material Compatability	Metal or/and Non-Metallic substrates	Plastic, Metal, Cardboard, Wood, Glass	Metal or/and Non-Metallic substrates	Plastic, Metal, Cardboard, Wood, Glass	Metal or/and Non-Metallic substrates
	IC type	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3
Physical and Environmental	Encasement / Material	Polyester, Closed Cell Foam	Engineering Grade Polyester	Polyester Label / Polycarbonate Housing	Polyester, Closed Cell Foam	Printable Polyester or Paper
	Size (in)	2.88 x 1.38 in.	2.75 x 0.75 x 0.05 in.	4.25 x 1.75 in.	3 x 1.38 in.	2.75 x 0.75 in.
	Weight (g)	1g	More than 1 g	18.50 g	1g	0.65 g
	Operating Temperature (C)	- 40° C to 70° C	-30° C to 85° C	0° C to 71° C	0° C to 71° C	0° C to 85° C
	Attachment	Pressure Sensitive Adhesive	Pressure Sensitive Adhesive	Pressure Sensitive Adhesive and/or Mechanical Fasteners	Pressure Sensitive Adhesive	Pressure Sensitive Adhesive