

IQ Range - Labels

Product Name						
Typical Applications		Enterprise IT datacentre asset management.	IT datacentre asset management.	Plastic RTI's and containers. Plastic pallets.	Office and IT asset tracking Hospital and blood bag tracking Logistics involving metallic packaging	Supply Chain RTI's One way transit packaging Blood bag tracking
RF Specifications	Frequency Range (MHz)	860-930MHz (Dual Band)	902-928 (US) 866-868 (EU) 860-960 (GS)	860-960 (GS)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)
	Read Range (m) - Fixed reader	1.8m +/- 25%	Up to 3.0 (US) Up to 2.0 (EU) Up to 2.5 (Global)	Up to 10.0	Up to 4.0	up to 6.0
	Material Compatibility	Metal and non-metallic substrates	Metal and non-metallic substrates	Plastic and non-metallic substrates only	Optimized for metal & liquid	Optimized for metal & liquid
	IC Type	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Impinj Monza 4QT	Impinj Monza 4QT
Physical and Environmental	Encasement / Material	Synthetic label	Synthetic label	Synthetic label	Synthetic label	Synthetic label
	Size (mm)	37.5 x 12.5 x 4.5	35 x 10 x 4.8	95 x 21 x 0.3	101 x 25 x 0.8	103.0 x 52.0 x 0.8
	Weight (g)	2.2	1.9	0.5	1.0	5.02
	Operating Temperature (°C)	-5 to +55°C	+5 to +40 °C	-40 to +85°C	-20 to +65°C	-20 to +65°C
	Ingress Protection	IP54	IP54	IP68	IP68	IP68
	Shock and Vibration	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F
	Attachment	Film Adhesive & tether hole (std) Std. Foam Adhesive (opt.) Premium Foam adhesive (opt.)	Film Adhesive (std.) Std. Foam Adhesive (opt.) Premium Foam adhesive (opt.)	Film adhesive (std)	Self Adhesive Label	Self Adhesive Label
Order Codes +		031 - DB	011 - EU, US, GS	056 - EU, US	063 - EU, US	064 - EU, US

+ Order Option Codes are listed on the datasheets.