

## IQ Range - Ultrathin Labels

Product Name							
Typical Applications		Laptop tracking. Identification of IT and office hardware.	Laptop tracking. Identification of IT and office hardware.	Plastic facia's on IT equipment. Identification of IT and office hardware.	Plastic RTI's and containers. Plastic pallets.	Office and IT asset tracking Hospital & blood bag tracking Logistics involving metallic packaging	Supply Chain RTI's One way transit packaging Blood bag tracking
RF Specifications	Frequency Range (MHz)	902-928 (US) 866-868 (EU)	902-928 (US)	860-960 (GS)	860-960 (GS)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)
	Read Range (m) - Fixed reader	Up to 4.0	Up to 5.0	Up to 5.0	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	Plastic and non-metallic substrates only	Optimized for metal & liquid	Optimized for metal & liquid
	IC Type	Alien Higgs 3	NXP G2iL	Alien Higgs 3	Alien Higgs 3	Impinj Monza 4QT	Impinj Monza 4QT
Physical and Environmental	Encasement	Synthetic label	Synthetic label	Synthetic label	Synthetic label	Synthetic label	Synthetic label
	Size (mm)	75 x 25 x 1.2	70 x 19 x 1.45	46.5 x 12.4 x 0.3	95 x 21 x 0.3	103.0 x 28.0 x 0.8	103.0 x 52.0 x 0.8
	Weight (g)	1.5	1.5	0.15	0.5	2.8	5.02
	Operating Temperature (°C)	+5 to +40 °C	+5 to +40°C	-40 to +85°C	-40 to +85°C	-20 to +65°C	-20 to +65°C
	Ingress Protection	IP54	IP54	IP68	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	MIL STD 810-F
	Attachment	Film adhesive (std)	Film adhesive (std)	Film adhesive (std)	Film adhesive (std)	Self Adhesive ILabel	Self Adhesive Label
	Order Codes +	048 - US, EU	038 - US, EU	055 - EU, US	056 - EU, US	063 - EU, US	064 - EU, US

+ Order Option Codes are listed on the datasheets.