







# IQ Range – Labels

## FEATURED COMPARISON GUIDE

Product Name							
Typical Applications		IT, office & hospital assets Weapons, pipes, road signs Duty-free item tagging	IT, office, hospital asset tracking Weapons, pipes, road signs Warehouse management	IT, office, hospital asset tracking Weapons, pipes, road signs Tools and kitchen assets	Plastic facias's on IT equipment Identification of IT & office hardware	Logistics- metal produce & packaging, Pipe mfg. & recertification IT, Office, & Hospital tracking	Plastic RTI's and containers Plastic pallets
RF Specifications	Frequency Range (MHz)	860–930 (GS)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)	860-960 (GS)	902-928 (US) 866-868 (EU)	860–960 (GS)
	Read Range (m) - Fixed reader <sup>†</sup>	Up to 1.1	Up to 1.6	Up to 4.2	Up to 5.0	Up to 6.0	Up to 10.0
	Read Range (m) - Handheld reader <sup>†</sup>	Up to 0.5	Up to 1.0	Up to 2.4	Up to 2.5	Up to 3.0	Up to 5.0
	Material Compatibility	Optimized for all materials	Optimized for all materials	Optimized for all materials	Plastic and non-metal substrates	Optimized for all materials	Plastic and non-metallic substrates
	IC Type	Impinj Monza R6-P	Impinj Monza R6-P	Impinj Monza R6-P	Alien Higgs 3	Impinj Monza R6-P	Alien Higgs 3
Physical and Environmental	Encasement / Material	Synthetic label	Synthetic label	Synthetic label	Synthetic label	Synthetic label	Synthetic label
	Size (mm)	40 × 40 × 1.1	55 × 12.5 × 1.1	96 × 12.5 × 1.1	46.5 × 12.4 × 0.24	96.0 × 24.0 × 1.1	95 × 21 × 0.24
	Weight (g)	0.35	0.25	.30	0.15	2.0	0.5
	Operating Temperature (°C)	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C
	Ingress Protection	IP68	IP68	IP68	IP68	IP68	IP68
	Shock and Vibration	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G
	Attachment	Self Adhesive (std)	Self Adhesive (std)	Self Adhesive (std)	Self Adhesive (std)	Self Adhesive (std)	Self Adhesive (std)
	Order Codes <sup>†</sup>	139 – GS	125 – EU, US	141 – EU, US	055 – GS	133 – EU, US	056 – GS

<sup>†</sup>Order Option Codes are listed on the datasheets.