

	Arizon AZ-HR8	Arizon AZ-GR86	Avery Dennison Smartrac Frog 3D 76mm	Avery Dennison Smartrac MiniWeb	Avery Dennison Smartrac Sonic	Avery Dennison Smartrac Squarewave	Avery Dennison Smartrac Stealth	Beontag Falcon	Beontag Pacer
Impinj Endpoint IC	M830	M830	M830	M830	M830	M830	M830	M830	M830
Memory	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits
Frequency	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)
Read Range (m)	Testing Recommended	Testing Recommended	Up to 22 m	Up to 12 m	Up to 20 m	Up to 21 m	Up to 14 m	Testing Recommended	Testing Recommended
Tag Form Factor	Paper Tag	Paper Tag	Paper Tag	Wet Inlay	Wet Inlay	Paper Tag	Wet Inlay	Wet Inlay	Label Tag
Size (mm/inches)	73 x 17 mm (2.87 x 0.67 in)	54 x 34 mm (2.13 x 1.34 in)	76.2 x 76.2 mm (3.00 x 3.00 in)	45 x 18 mm (1.80 x 0.70 in)	46 x 22 mm (1.81 x 0.87 in)	97 x 15 mm (3.80 x 0.60 in)	53 x 17.5 mm (2.08 x 0.68 in)	54 x 33 mm (2.13 x 1.30 in)	74 x 16 mm (2.91 x 0.63 in)
Weight (g)	1 g	1 g	1 g	1 g	1 g	1 g	1 g	1 g	1 g
Temperature Rating (C°/F°)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)
Attachment Method	Adhesive	Adhesive	Adhesive	Adhesive	Adhesive	Adhesive	Adhesive	Adhesive	Adhesive
Material Compatibility	Cardstock, Plastic, Wood, Rubber	Cardstock, Plastic, Wood, Rubber	Plastic, PTFE, PMMA, PUR, Glass	Plastic, Cardstock, Glass, Denim, Polybag	Non-Metallic Surfaces, Plastic, Cardboard, Glass	Plastic, Cardboard, Glass	Plastic, Cardboard, Glass	Wide Range of Materials with Different Dielectrics	Non-Metallic Surfaces, Plastic, Cardboard, Glass
Typical Applications	Brand Protection, Supply Chain Management, Apparel	Brand Protection, Supply Chain Management, Apparel	Industry, Supply Chain Management	Home Essentials, Supply Chain Management, Brand Protection	Apparel, Retail, Supply Chain, Logistics	Automotive, Logistics, Supply Chain Management, Home Essentials	Automotive, Retail, Beauty Products, Logistics	Item-Level Retail, Logistics, Supply Chain Management	Item-Level Retail, Apparel, Supply Chain Management

	Beontag Setter	Tageos EOS-233	Tageos EOS-241	Tageos EOS-261	Tageos EOS-430	Vulcan RFID Bolt	Xerafy Container OUTDOOR	Xerafy Metal Skin Delta	Xerafy Metal Skin Titanium
Impinj Endpoint IC	M830	M830	M830	M830	M830	M830	M830	M830	M830
Memory	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits	EPC 128 bits
Frequency	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	FCC (902-928 MHz)	FCC (902-928 MHz)	FCC (902-928 MHz)
Read Range (m)	Testing Recommended	Testing Recommended	Testing Recommended	Testing Recommended	Testing Recommended	Up to 65 m	Up to 40 m	Up to 4.5 m	Up to 3.5 m
Tag Form Factor	Wet Inlay	Wet Inlay	Paper Tag	Paper Tag	Paper Tag	Label Tag	Hard Tag	Label Tag	Label Tag
Size (mm/inches)	94 x 27 mm (3.70 x 1.06 in)	ø 33 mm (1.30 in)	44 x 18 mm (1.73 x 0.71 in)	47 x 23 mm (1.85 x 0.91 in)	74 x 12 mm (2.91 x 0.47 in)	97 x 27 x 0.21 mm (3.82 x 1.06 x 0.008 in)	139 x 42.20 x 12 mm (5.46 x 1.65 x 0.47 in)	70 x 30 x 0.40 mm (2.76 x 1.18 x 0.02 in)	45 x 5.60 x 1.00 mm (1.77 x 0.02 x 0.04 in)
Weight (g)	1 g	0.27 g	0.31 g	0.40 g	0.36 g	1 g	50 g	1.8 g	0.8 g
Temperature Rating (C°/F°)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85°C (-40° to +185°F)	-40° to +85° C (-40° to +185° F)	-40° to +85°C (-40° to +185°F)
Attachment Method	Adhesive	Adhesive	Permanent Adhesive	Permanent Adhesive	Permanent Adhesive	Permanent Adhesive	Rivets, Screws, Cable Ties, Industrial Adhesive	Industrial Adhesive	Industrial Adhesive
Material Compatibility	Wide Range of Materials with Different Dielectrics	Glass, Plastic, Wood, Cardboard	Cardboard, Glass, Plastic	Glass, Plastic, Wood, Cardboard	Cardstock, Plastic, Wood, Rubber	Race Timing Bibs, Plastic, Cardboard, Glass, Paper	Metallic and Non-Metallic Surfaces	Metallic and Non-Metallic Surfaces	Metallic and Non-Metallic Surfaces
Typical Applications	Supply chain Management, Logistics, Inventory Management, Retail, Industrial Automation	Inventory Visibility, Item-Level Tagging, Healthcare	Retail, Accessories, Jewelry, Apparel, Inventory Visibility, Supply Chain Management	Apparel, Inventory Visibility, Item-Level Tagging, Pharma, Healthcare, Supply Chain Management	Apparel, Item-Level Tagging, Inventory Visibility, Logistics, Supply Chain Management	Sport Timing, Vehicle Access Control, Retail, Asset Management, Supply Chain Management	Yard Management, Shipping Container Tracking, Production Logistics, RTI Management	Medical Equipment, Data Centers, IT Asset Management, Manufacturing, Automated Inventory	IT Asset Tracking, Electronic Devices, Medical Equipment, Small Component Identification

	Zebra 2.87" x 0.53" Z-Perform 1500T	Zebra 4" x 2" Z-Perform 2000D							
Impinj Endpoint IC	M830	M830							
Memory	EPC 128 bits	EPC 128 bits							
Frequency	Global (865-928 MHz)	Global (865-928 MHz)							
Read Range (m)	Up to 20 m	Up to 19 m							
Tag Form Factor	Label Tag	Label Tag							
Size (mm/inches)	73 x 13.5 mm (2.87 x 0.53 in)	101.6 x 50.8 mm (4.00 x 2.00 in)							
Weight (g)	0.5 g	0.8 g							
Temperature Rating (C°/F°)	Not Published	-40° to +85°C (-40° to +185°F)							
Attachment Method	Permanent Adhesive	Adhesive							
Material Compatibility	Wood, Plastic, Glass, Cardboard, PVC, Rubber	Plastic, Glass, Cardboard, Rubber, Fiberglass							
Typical Applications	Labeling of Packaging Materials, Retail, Compliance Labeling, Work in Process Tracking, Food Labeling	High-Volume Item-Level Tagging, Work in Process Tracking, Compliance Labeling, Product Identification, Supply Chain Management							