

	Avery Dennison AD-237r6	Avery Dennison Smartrac Belt	Avery Dennison Smartrac DogBone	Avery Dennison Smartrac SquareWave	Beontag Buhner P60	Beontag E702	Beontag Pollux	Vulcan RFID Flame	Beontag Carrier Tough Slim
Impinj Tag Chip Type	Monza R6 or Monza R6-P	M730	M750	M730	M750	M750	M750	Monza R6-P or M730	M780
Memory	EPC Up to 128 bits, User Up to 64 bits	EPC 128 bits	EPC 96 bits, User 32 bits	EPC 128 bits	EPC 96 bits, User 32 bits	EPC 96 bits, User 32 bits	EPC 96 bits, User 32 bits	EPC Up to 128 bits, User Up to 64 bits	EPC 496 bits, User 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 (865-928 MHz)
Read Range (m)	Greater than 4.57 m	Testing Recommended	Up to 20 m	Testing Recommended	Testing Recommended	Testing Recommended	Testing Recommended	Testing Recommended	Up to 20 m
Tag Form Factor	Wet Inlay	Paper Tag	Wet Inlay	Paper Tag	White Wet Inlay	White Wet Inlay	White Wet Inlay	White Wet Inlay	Label Encased Hard Tag
Size (mm/inches)	73.18 x 17.68 mm (2.88 x 0.70 in)	73 x 17 mm (2.87 x 0.67 in)	97 x 27 mm (3.8 x 1.1 in)	97 x 15 mm (3.8 x 0.6 in)	94 x 28 mm (3.7 x 1.1 in)	74 x 20 mm (2.91 x 0.79 in)	26 x 17 mm (1.02 x 0.67 in)	47.5 x 13.38 mm (1.87 x 0.256 in)	122 x 18 x 2 mm (4.80 x 0.71 x 0.08 in)
Weight (g)	Less than 1 g	1 g	1 g	1 g	Less than 1 g	Less than 1 g	Less than 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)	-35° to +85°C (-31° to +185°F)
Attachment Method	FASSON S-490 Adhesive	Adhesive	Acrylic Adhesive	Acrylic Adhesive	Permanent Acrylic Adhesive	Permanent Acrylic Adhesive	Permanent Acrylic Adhesive	Permanent Acrylic Adhesive	Screws, Rivets, Adhesive
Material Compatibility	Plastic, Corrugated, Glass, Wood, Denim	Plastic, Cardboard, Glass, Paper	Plastic, Cardboard, Glass	Paper, Cardboard, Glass, Plastic	Glass, Wood, Plastic, Cardboard, Rubber, Cotton Fabric, Denim	Wood, Plastic, Cardboard, Rubber, Cotton Tissue, Denim	Wood, Plastic, Cardboard, Rubber, Cotton Tissue, Denim	Glass, Plastic, Wood, Cardboard	Non-metallic Surfaces
Typical Applications	Apparel, Retail, Asset Tracking, Supply Chain Management	Inventory and Logistics, Home Essentials, Supply Chain Management	Supply Chain Management, Sports Timing, Industry	Supply Chain Management, Industry, Brand Protection, Retail, Sports Timing	Sports Timing, Inventory and Logistics, Car Access Control, Supply Chain Management	Apparel, Retail, Assets and Supply Chain Management, Inventory and Logistics	Healthcare, Pharmaceutical, Medicine Bottles, Small Products, Asset Management	Supply Chain Management, Retail, Apparel, Asset and Package Tracking	Return Transit Items and Plastic Container Tracking

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IMPINJ UHF RAIN RFID SAMPLE PACK COMPARISON GUIDE

	Beontag Ironside Micro	Beontag Steelwave Micro II	Zebra Silverline Blade II	HID PVC	HID LinkTRAK C15-MRI	HID Slimflex Seal™	HID Exo Pro 750	HID IQ OM 350	Xerafy Data Trak II
Impinj Tag Chip Type	M780	M780	M730	Monza 4QT	Monza R6-P	Monza R6-P or M730	Monza 4QT	M730	Monza 4QT or M750
Memory	EPC 496 bits, User 128 bits	EPC 496 bits, User 128 bits	EPC 128 bits	EPC 128 bits, User 512 bits	EPC Up to 128 bits	EPC Up to 128 bits, User Up to 64 bits	EPC 128 bits, User 512 bits	EPC 128 bits	EPC Up to 128 bits, User Up to 512 bits
Frequency	Global (865-928 MHz)	Global (865-928 MHz)	FCC (902-928 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	FCC (902-928 MHz)	Global (860-960 MHz)
Read Range (m)	Up to 7 m	Up to 7 m	Up to 10 m	Up to 12 m	Up to 5 m	Up to 6 m	Up to 11 m	Up to 3.8 m	Up to 4.5 m (On Metal), Up to 2 m (Off Metal)
Tag Form Factor	Hard Tag	Hard Tag	Hard Label Tag	Card Tag	Soft Tag	Flexible Hard Tag	Hard Tag	Label Tag	Hard Tag
Size (mm/inches)	27 x 27 x 5.5 mm (1.06 x 1.06 x 0.22 in)	38 x 13 x 4.5 mm (1.5 x 0.5 x 0.17 in)	60 x 25 x 1.4 mm (2.36 x 0.98 x 0.055 in)	85.6 x 54 x 0.76 mm (3.4 x 2.1 x 0.03 in)	66 x 15 mm (2.6 x 0.6 in)	85 x 25 x 3 mm (3.3 x 1 x 0.1 in)	51 x 48 x 12.6 mm (2.01 x 1.9 x 0.5 in)	50 x 12.5 x 1.35 mm (1.97 x 0.49 x 0.05 in)	38 x 13 x 4 mm (1.5 x 0.51 x 0.16 in)
Weight (g)	4.3 g	2 g	0.9 g	5 g	Less than 1 g	12 g	25.6 g	0.5 g	2.4 g
Temperature Rating (C°/F°)	-35° to +85°C (-31° to +185°F)	-20° to +70°C (-4° to +158°F)	-35° to +85°C (-31° to +185°F)	-35° to +50°C (-31° to +122°F)	Up to 220°C (428°F)	-40° to +70°C (-40° to +158°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	Acrylic Adhesive, Screws, Rivets	Acrylic Adhesive	High Tack Adhesive	Handheld	Sewn, Heat-sealed	Integrated Cable Tie	Screw, Weld	Adhesive	Tethering Hole, Adhesive, Cable Tie, Cord, Wire
Material Compatibility	Ideal on Metal, All Surfaces	All Surfaces	Optimized for Metal or Painted Metal, All Surfaces	All Surfaces	Textiles, Garments, Linens	Handing in Free Aire, All Surfaces	Optimized for Metal, All Surfaces	Optimized for Metal	Metallic and Non-metallic Surfaces
Typical Applications	Returnable Transit Items and Industrial Asset Tracking	Asset Management	Manufacturing, Automotive, IT Asset Tracking, Healthcare	Parking Access, Closed Payment Systems, NFC Applications, Access Control, Loyalty Schemes	Laundry, Textile	Asset Tracking, Logistics, Returnable Transit Items, Waste Management	Automotive, Supply Chain Management, Logistics, Tote Tracking	On-metal Applications	Logistics, Warehousing, IT Asset Tracking

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