










Product Guide

Series	Embeddable Line for Source Tagging and Extreme Conditions			Flexible Metal Label Line			Specialty Tag Line		
	Container Trak	Cargo Trak II/	Versa Trak II/	Mercury Metal Skin	Platinum Metal Skin	Titanium Metal Skin	Dot Wedge	Autoclavable Roswell*/ Roswell	Xplorer
Product									
Operating frequency	902-928 MHz (US) 866-868 MHz (EU)	902-928 MHz (US) 866-868 MHz (EU)	902-928 MHz (US) 866-868 MHz (EU)	860-960 MHz (Global)	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)
IC type	Impinj Monza R6-P	Alien Higgs-3	Alien Higgs-3	Impinj Monza 4E	Alien higgs4	Impinj Monza M5	Alien Higgs-3	Alien Higgs-3	Alien Higgs-3
Memory configuration	128 EPC bits, 32-bit user memory, 48-bit TID; Max user memory 64-bit, 48 TID, 96 EPC bits	96 EPC bits, extensible to 480-bit, 512-bit user memory, 64-bit TID	96 EPC bits, extensible to 480-bit, 512-bit user memory, 64-bit TID	48-bit serialized TID, 496 EPC bits, 128-bit user memory	128 bits user memory, 128 bits EPC, 96 bits TID	48-bit serialized TID, 128 EPC bits	96 EPC bits, extensible to 480-bit, 512-bit user memory, 64-bit TID	96 EPC bits, extensible to 480-bit, 512-bit user memory, 64-bit TID	96 EPC bits, extensible to 480-bit, 512-bit user memory, 64-bit TID
Read range on metal [2W ERP]	Up to 65 ft (20 m)	Up to 39 ft (12 m)	Up to 26 ft (8 m)	Up to 13 ft (4 m)	Up to 6.6 ft (2 m)	Up to 4 ft (1.2 m)	Up to 3.3 ft (1 m)	Up to 16.4 ft (5 m)	5 ft (1.5m) when embedded
Read range off metal [2W ERP]	Up to 39 ft (15 m)	Up to 20 ft (6 m)	Up to 13 ft (4 m)	Up to 16 ft (5 m)	Up to 3.9 ft (1.2 m)	Up to 4 ft (1.2 m)	Limited	Limited	Limited
Case material	Rivet hole, ø 1/4" M6, adhesive (optional) Cable tie, Metal Insert (optional)	Rivet hole, ø 0.14 in (3.5 mm); adhesive (optional)	Anti-UV Industry Grade Polymer	Not applicable	Not applicable	Not applicable	High performance engineering polymer	Stainless steel/ Aluminum 6061-T6	Stainless steel
Mounting system	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	High performance adhesive/Rivet hole, ø 0.14 in (3.5mm); adhesive (optional)	High performance adhesive	High performance adhesive	High performance adhesive	Snap in	Welding, cable tie, rivet hole ø 0.19 in (ø 5 mm)	Snap in
Operating temperature	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)
Application temperature	29 psi (200 kPa)	29 psi (200 kPa)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-58°F to +428°F (-50°C to +220°C)	-40°F to +482°F (-40°C to +250°C)	-58°F to +482°F (-50°C to +250°C)
Compression strength	IP68	IP68	26.1 psi (180 kPa)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	10,100psi (70 MPa)	1145 psi (7900 kPa)/ 115 psi (793 kPa)	30,000 psi (206 MPa)
IP classification	5.46x 4.99 x 0.47 in (138.8 x42 x12 mm)	3.94 x 1.02 x 0.35 in (100 x 26 x 8.9 mm)	IP68/IP54	92 psi (634 kPa)	14 psi (97 kPa)	58 psi (400 kPa)	IP68	IP69K	IP69K
Dimensions	1.45 oz (41 g)	0.62 oz (17.8 g)/ 0.61 oz (17.2 g)	2.88 x 0.9 x 0.33 in (73.3 x 22.8 x 8.3 mm) 1.98 x 0.67 x 0.21 in (50.3 x 17 x 5.3 mm)	Not applicable	Not applicable	Not applicable	IP68	IP69K	IP69K
Weight	Outdoor using, Vehicle chassis and trailer tracking, Unit Load Device identification, logistics management	Outdoor using, Vehicle chassis and trailer tracking, Unit Load Device identification, logistics management	0.39 oz (11 g) 0.11 oz (3 g)	Label: 4 x 1.5 x 0.03 in (101.6 x 38 x 0.76 mm)	Label: 2.28 x 0.75 x 0.03 in (58 x 19 x 0.8 mm)	Label: 1.77 x 0.22 x 0.03 in (45 x 5.6 x 0.86 mm)	ø 0.405 x 0.181 in ø 10.3 x 4.6mm	1.89 x 1.10 x 0.53 in (48 x 28 x 13.5 mm)	ø 1.11 x 0.33 in / (ø 28.3 x 8.5 mm)
Suggested applications	Unit Load Device identification, logistics management	Unit Load Device identification, logistics management	Unit Load Device identification, logistics management pallet tracking, RTI management, storage rack identification	Reel: 4.85 lbs (2.2 kg)	Reel: 3.53 lbs (1.6 kg)	Reel: 2.54 lbs (1.15 kg)	0.28 oz (8 g)	1.55 oz / 44 g 0.74 oz / 21 g	0.89 oz (25.4 g)
				Product authentication, IT asset tracking, global supply chain, cylinder tracking, foil-based packaging	Housewares, electronic equipment, computer and laptops, cosmetics, foil-based packaging	Product authentication, IT asset and laptop tracking, radio and mobile equipment, foil-based packaging	Onshore and Offshore Pipes Heavy Equipment and Tools Automotive Manufacturing Molds	Surgical Trays Oil & Gas Valve Wellhead Management Food Processing Plants, Automotive Manufacturing	Downhole and Surface Drill Pipes, BOPs and Wellheads Sub-sea Oil Pipes, BOPs and Wellheads

Products marked with an asterisk(*) are available in autoclavable version.