

Exo/Dura Range – Encased and Heavy-Duty

FEATURED COMPARISON GUIDE

Product Name		 HIGH TEMPERATURE Exo 400	 Exo 600	 Exo 750	 Exo 800	 Exo 800P Rigid	 Dura 1500	 Dura 3000	
Typical Applications		Healthcare sterilization processes Manufacturing Automotive, post paint processes	Logistics & Postal Industries. Automotive. Retail & warehousing	Automotive Supply Chain. Logistics and Postal. Manufacturing tote tracking	Manufacturing tote tracking. Logistics and Postal. Retail supply chain	Plastic RTIs and containers Plastic pallets Non-metallic industrial assets	Container tracking for yard management. Cargo tracking. Defense asset management	Cargo and container tracking. Heavy equipment tracking and maintenance. Location identification in lay down zones	
RF Specifications	Frequency Range (MHz)	866-868 (EU) 902-928 (US)	860-930 (GS)	860-930 (GS)	860-930 (GS)	860-930 (GS)	860-930 (GS)	860-930 (GS)	
	Read Range (m) Fixed reader Handheld reader	Up to 4.0 Up to 2.0	Up to 6.0 Up to 3.0	Up to 11 (US), 7 (EU) Up to 5 (US), 3.5 (EU)	Up to 8.0 Up to 4.0	Up to 8.0	Up to 15 Up to 7.5	Up to 35 Up to 20	
	Material Compatibility	Optimized for Metal substrates	Optimized for Metal substrates	Optimized for Metal substrates	Optimized for Metal substrates	Optimized for plastic substrate	Optimized for Metal substrates	Metal and non-metallic substrates	
	IC Type	Alien Higgs 3	Impinj Monza 4QT	Impinj Monza 4QT	Impinj Monza 4QT	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	
Physical and Environmental Specifications	Encasement	Thermoplastic Cover	ABS Rigid Plastic	ABS Rigid Plastic	ABS Rigid Plastic	ABS Rigid Plastic	ABS or Polycarbonate	ABS or Polycarbonate	
	Size (mm)	37 × 14 × 5.9	80 × 15 × 12.2 (with holes) 60 × 15 × 12.2 (without holes)	51.0 × 48.0 × 12.6	110 × 25.0 × 12.85	105 × 36 × 3.5	140 × 66 × 14.0	210 × 110 × 21.0	
	Weight (g)	5.7	12.5 (with holes) 11.5 (without holes)	25.6	26	11.6	82.0	292	
	Operation Temperature (°C) [†] Max Temperature Exposure (°C) [†]	-20 to +85 (°C) -20 to +235 (°C)	-20 to +85 (°C) -20 to +85 (°C)	-40 to +85 (°C) -40 to +85 (°C)	-20 to +85 (°C) -20 to +85 (°C)	-20 to +85 (°C) -20 to +85 (°C)	-20 to +85 (°C) -20 to +85 (°C)	ABS: -40 to +65 °C PC: -40 to +100 °C	ABS: -40 to +65 °C PC: -40 to +100 °C
	Ingress Protection	IP68	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	MIL STD 810-G	
	Attachment	Mechanical (std) 2 x Ø3mm holes	Mechanical (std.) Standard foam adhesive (option) Premium foam adhesive (option)	Mechanical (std.) Standard foam adhesive (option) Premium foam adhesive (option)	Mechanical (std.) Standard foam adhesive (option) Premium foam adhesive (option)	Mechanical (std.) Standard foam adhesive (option) Premium foam adhesive (option)	Rivet/Screw/Adhesive	Manual (standard) Standard foam adhesive (option) Premium foam adhesive (option)	Manual (standard) Standard foam adhesive (option) Premium foam adhesive (option)
Order Codes [†]	144 – GS	061 – GS	078 – GS	077 – GS	104 – GS	008 – GS	009 – GS		

[†] Order Option Codes are listed on the datasheets.

Values for Comparison only, please refer to Product Datasheets for full specifications. © 2016 Omni-ID. All rights reserved.