

Specialty Tags

CATALOG COMPARISON GUIDE

| Product Name | |  GLOBAL Prox NG |  Prox Label |  Fit 400P |  Max Rigid |  GLOBAL Max SQ |  Dura 600 |
|---|---|---|--|--|---|--|--|
| Typical Applications | | Enterprise IT data center asset management | IT data center asset management | Tool tracking Attachment to plastic handles or plastic tools Surface mounting to plastic components of high value assets | Tracking returnable transit items Warehouse storage locations Rail carriage identification | Tracking returnable transit items within global supply chains Automotive stillage management Large rental equipment tracking | Maintenance for deployed field equipment Chemical drum tracking Beverage keg tracking |
| RF Specifications | Frequency Range (MHz) | 860-930 (GS) | 902-928 (US) 866-868 (EU) 860-960 (GS) | 902-928 (US) 866-868 (EU) | 902-928 (US) 866-868 (EU) | 860-960 (GS) | 902-928 (US) 866-868 (EU) |
| | Read Range (m) – Fixed reader Handheld reader | Up to 1.8 Up to 0.9 | Up to 3.0 (US), 2.0 (EU) and Up to 2.5(Global) | Up to 3.5 Up to 1.75 | Up to 12.0 (US), Up to 10.0 (EU) Up to 6.0 (US), Up to 5.0 (EU) | Up to 8.0 (GS) Up to 4.0 (GS) | Up to 6 (US), Up to 5 (EU) Up to 3.0 (US), Up to 2.5 (EU) |
| | Material Compatibility | Metal & non-metallic substrates | Metal & non-metallic substrates | Plastic & non-metallic substrates only | Metal and non-metallic substrates | Optimized for Metal substrates | Optimized for Metal substrates |
| | IC Type | Alien Higgs 3 | Alien Higgs 3 | Alien Higgs 3 | Alien Higgs 3 | Alien Higgs 3 | Alien Higgs 3 |
| Physical and Environmental Specifications | Encasement | Synthetic Label | Synthetic label | Painted Black | ABS or Polycarbonate | Polycarbonate | Durable Thermoplastic Material |
| | Size (mm) | 37.5 × 12.5 × 4.5 | 35 × 10 × 4.8 (EU), (GS) 33 × 10 × 4.8 (US) | 17.6 × 7.1 × 4.1 | 104 × 33 × 8.4 | 51 × 42 × 12.2 | 48.5 × 38.0 × 9.5 |
| | Weight (g) | 2.2 | 1.9 | 2.6 | 22.0 | 19.5 | 11.2 |
| | Operating Temperature | -5 to +55°C | +5 to +40 °C | -20 to +85°C -20 to +85°C | ABS: -40 to +55 °C Polycarbonate: -40 to +85 °C | -40 to +85 °C +105 °C | -40 to +85 °C |
| | Ingress Protection | IP54 | IP54 | IP68 | IP68 | IP68 | IP68 |
| | Shock and Vibration * | MIL STD 810-G | MIL STD 810-G | MIL STD 810-G | MIL STD 810 | MIL STD 810 | MIL STD 810 |
| | Attachment | Film adhesive & tether hole (std) Premium foam adhesive (option) | Film Adhesive (std) Premium foam adhesive (option) | Film adhesive (included) Permanent liquid adhesive (option) | Manual (std) Premium Foam adhesive (option) | Manual (std.) Premium Foam adhesive (option) | Industrial Foam Tape |
| Order Codes [†] | 031 – GS | 011 – EU, US, GS | 052 - EU, US | 020 – US, EU | 024 – GS | 025 – US, EU | |

[†] Order Option Codes are listed on the datasheets. *Products tested by third party in line with use case requirements.

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| Product Name | |  GLOBAL Adept 400 |  GLOBAL Adept 400 |  GLOBAL Adept 500 |  GLOBAL Adept 650P | HIGH MEMORY  GLOBAL Adept 850 |  GLOBAL Adept 360° |
|---|---|--|--|---|---|--|--|
| Typical Applications | | Piping Valves Processing Equipment | Piping Valves Processing Equipment | Gas Cylinders Beverage Kegs | Personnel Management Building Access Asset Tracking Logistics non-metal packaging | Manufacturing & Supply Chain Automotive Outdoor & Industrial Operations | Very heavy industry applications. Identification of lifting equipment for maintenance and inventory management. |
| RF Specifications | Frequency Range (MHz) | 860-930 (GS) | 902-928 (US only) | 860-940 (GS) | 860-930 (GS) | 860-960 (GS) | 860-930MHz (GS) 13.56MHz (HF opt.) |
| | Read Range (m) Fixed reader Handheld reader | Up to 2.25 = 5 layer, Up to 4.0 = 4 layer Up to 1.35 = 5 layer, Up to 2.0 = 4 layer | Up to 4.5 Up to 1.8 | Up to 5.0 Up to 5.0 | Up to 7.0 Up to 3.5 | Up to 8.5 Read, Up to 4 Write | Up to 10 (UHF), Up to 0.1 (HF opt) Up to 5.0 (UHF), Up to 0.1 (HF opt) |
| | Material Compatibility | Optimized for Metal | Optimized for Metal | Optimized for Metal | Optimized for Non-metallic substrates | Optimized for Metal | Metal and non-metallic substrates |
| | IC Type | Monza 4QT | Alien Higgs 3 | Alien Higgs 3 | Alien Higgs 3 | Qstar-5A | Alien H3 (UHF) NXP I-Code (HF opt.) |
| Physical and Environmental Specifications | Encasement | Stainless Steel with Ceramic Core | Stainless Steel with ceramic core | Durable Thermoplastic | PVC Synthetic card | ABS | Steel frame |
| | Size (mm) | 45 × 30.5 × 15.5 = 5 layer 39 × 30.5 × 11.2 = 4 layer | 36 × 25 × 13.5 = 5 layer 30 × 25 × 8.2 = 4 layer | 37 × 37 × 11.5 | 85.5 × 54 × 1.0 | 65 × 45 × 8 | 136.5 × 48 × 5.5 |
| | Weight (g) | 94g = 5 layer, 53g = 4 layer | 58g = 5 Layer, 35g = 4 layer | 9.8 | 6.0 | 34 | 126.0 |
| | Operating Temperature | -20 to +65°C | -20 to +65°C | -20 to +65°C | -20 to +65°C | -20 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 | Steel strap or welded = 5 layer Epoxy ¹ or welded = 4 layer | Steel strapping or welded = 5 layer Epoxy ¹ or welded = 4 layer | Premium foam (option) | Hang Film adhesive (option) | Rivet/screw (not included) Foam or thin film Adhesive (option) | Tether attachment (not included) |
| Order Codes [†] | 115 – GS For 4 layer, add option code :523 | 080 – (US only) For 4 layer, add option code :523 | 045 – GS | 145 – GS | 114 – GS | 032 – GS | |

† Order Option Codes are listed on the datasheets. *Products tested by third party in line with use case requirements. ¹ Customer to validate their epoxy

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|--|-------------------------------------|--|---|
| Product Name | |  <p>■ GLOBAL IQ 800G</p> |  <p>IQ 1200G</p> |
| Typical Applications | | Road Toll Collection Vehicle Access Control Vehicle Permits | Vehicle Access Control Vehicle Permits Vehicle Registration |
| RF Specifications | Frequency Range (MHz) | 860-960 (GS) | 866-868 (EU) 902-928 (US) |
| | Typical Read Range (m)*Fixed Reader | Up to 8.0 | Up to 12.0 |
| | Read Range (m) - Handheld reader | Up to 5.0 | Up to 7.0 |
| | Material Compatibility | Optimized for Glass | Optimized for Glass |
| | IC Type | Alien Higgs 3 | Alien Higgs 3 |
| Physical and Environmental Specifications | Encasement | PET Facestock | PET Facestock |
| | Size (mm) | 99 × 22 × 0.2 | 92 × 26 × 0.2 |
| | Weight (g) | 1 | 1 |
| | Operating Temperature | -20 to +60°C | -20 to +60°C |
| | IP Rating | IP68 | IP68 |
| | Shock and Vibration | MIL STD 810-G | MIL STD 810-G |
| | Attachment | Self Adhesive (std) | Self Adhesive (std) |
| Order Codes† | 121 – GS | 122 – US, EU | |

† Order Option Codes are listed on the datasheets.

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