



**AGX SLB9020**  
**UHF High Temperature Tag**  
**Acid resistant**

**Product Description**

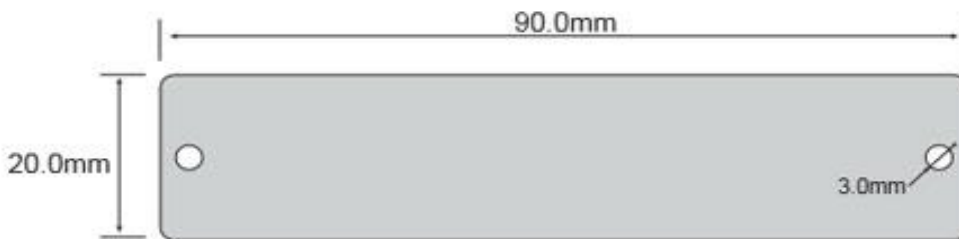
**General specifications**

The AGX SLB9020 RFID Tag has an operating frequency of either 902-928 MHz (US) or 865-868 MHz (EU) and is based on the Alien Higgs-3 IC, which provides a max read range of up to 10.8 meters. The industrial RFID tag AGX9020 is IP 68-rated, making it suitable for harsh outdoor industrial environments as well as exposure to water and contaminants.

AGX SLB9020 UHF tags have an operating temperature range of -40°C to +150°C, and can be attached using high-performance adhesives, via a rivet hole, or using a cable tie.

This Tag has following special feature compared to standard RFID-Tags: Its coated and is acid resistant. So it can be used in galvanic processes for example by electroplating racks.

**Dimension**



<b>Article no:</b>		<b>AGX SLB9020</b>
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**Typical Applications**

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|---|--|---|
| <ul style="list-style-type: none"> <li>• Vehicle Tracking</li> <li>• Electronic Toll Collection</li> <li>• Maintenance</li> </ul> | <ul style="list-style-type: none"> <li>• Trace &amp; Track</li> <li>• Supply Chain Management</li> <li>• Production</li> </ul> | <ul style="list-style-type: none"> <li>• Factory automation</li> <li>• Automotive &amp; Security</li> </ul> |
|---|--|---|



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**Technical Specifications** **AGX 9020 UHF High Temperature Tag**

Operation mode	Passive (Battery less)
Protocol	EPC Class 1 Gen2
ISO Standard	ISO 18000-6C
Operating Frequency	865-868MHz (EU) 902-928MHz (FCC)
Memory	EPC: 96 Bit (Up to 480 bits) User: 512 Bit TID: 64 Bit
IC Type	Alien Higgs 3
Programming Cycle	100,000 cycles
Mounting Methods	Adhesive, Screw
Colours	black

**Environmental Specifications**

Storage Temperature	-40°C to +150°C
Operating Temperature	-40°C to +100°C
Material	FR4 (PCB)
Dimensions	90 x 20 mm, (Hole: D 3 mm)
Weight	max. 12.0 g
Ingress Protection	IP68

