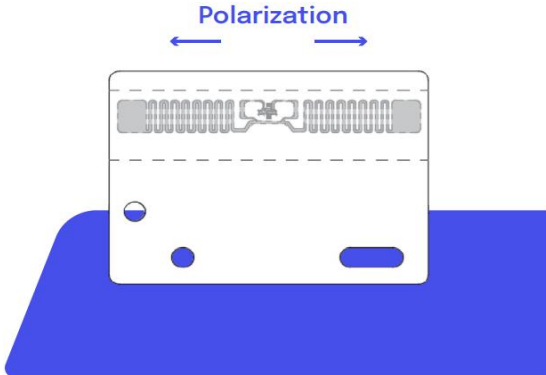
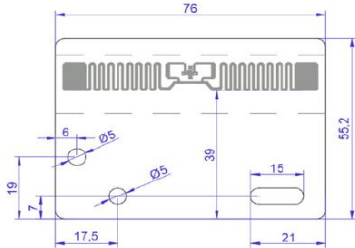
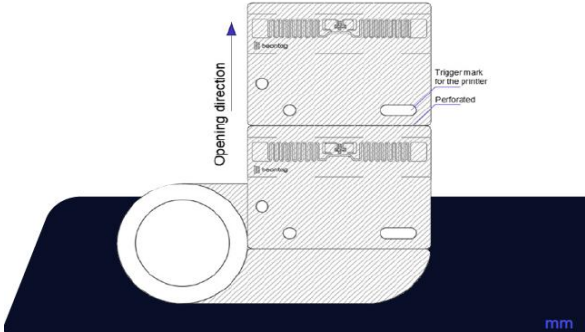




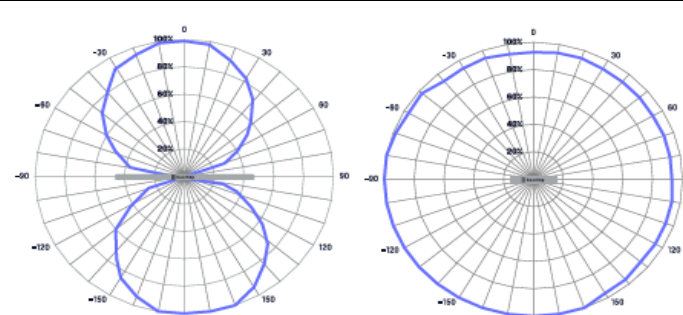
RFO HTLAB7655

High Temperature UHF Label **+260°C**

Product Description		RFO HTLAB 7655
The RFO-HTLAB7655 is a printable RAIN RFID tag designed to withstand the demanding conditions of automotive paint shop processes, including temperatures of up to 260 °C. Supplied printer-ready and perforated on a reel, the tag is compatible with standard thermal transfer RFID printers. Its specially developed white surface material combines excellent printability with high-temperature resistance, making it ideal for reliable identification and traceability throughout automotive manufacturing processes. Main Features > High-temperature resistance: Withstands temperatures up to 260 °C > Automotive paint shop ready: Designed for standard automotive paint shop processes > Printable: Compatible with standard thermal transfer RFID printers > High-quality white surface: Optimized for reliable and clear printing		
Physical Specifications		
Material	Special film for high temperatures	
Adhesive	No adhesive by default; attached mechanically.	
Tag Layout	76 × 55.2 × 0.32 mm / 3 × 2.17 × 0.013 in	
Polarization   		

Contact:

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RF Specifications		
Protocol	RAIN RFID / EPCglobal Gen2v2	
Frequency Range (MHz)	Global 865–928 MHz	
Chip	Impinj M780™	
Memory	EPC 496 bit User 128 bit TID 96 bit	
Read range (2W ERP)*	ETSI: up to 19m / FCC: up to 15m	
Applicable surface materials*	Metal and plastic assets. On metal, the antenna part should protrude beyond the metal surface to maximize read distance.	
* Read ranges are theoretical values calculated for a non-reflective environment. Different surface materials may influence performance.		
Environmental Specification		
Operating Temperature	-35 °C to +85 °C / -31 °F to +185 °F	
Peak Temperature	220 °C / 1 hour 260 °C / 10 minutes	
IP classification	IP68	
Washing resistance	Not specified in manufacturer datasheet.	
Chemical resistance	No physical or performance changes in: - 168 h motor oil exposure - 168 h salt water (salinity 10%) exposure - 10 min sulfuric acid (10%, pH 2) exposure - 10 min NaOH (10%, pH 13) exposure - 2 h acetone exposure	
Radiation pattern		
Article no:		
Article no:	RFO HTLAB 7655	
Typical Applications		
Suitable for metal environment	Automotive	Apparel
Maintenance & Service	Oil & Gas, Offshore	Retail
Industrie & Logistics	Chemical Industry	