



InLine Tag™ Plate



WAFER-THIN UHF CONTAINER TAGS BUILT TO WITHSTAND THE RIGORS OF INDUSTRIAL HANDLING AND SHIPPING

- **Durability** - Resistant to outdoor elements as well as blunt and sharp impact.
- **Versatility** - Thin plates mount flush with glue or screws to any material.
- **Visibility** - Large surface may be embossed or laser-engraved with logo, barcode, serial number or text.

HID Global InLine Tag™ Plate UHF transponders are the ideal solution for tagging shipping containers or similar assets. Less than two-tenths of an inch (3.7 mm) thick, these tags mount flush to any surface. The high impact polycarbonate housings shield internal components from the environmental extremes and rugged treatment of industrial freight operations.

Standard grey InLine Tag Plates provide excellent contrast for imprinting. HID can also produce plates in any color you choose. The large surface accommodates embossing, laser-engraving or adhesive labels for a logo, barcode, serial number or text message.

Tough and versatile, InLine Tag Plate transponders are available for mounting on metal, plastic or wood using standard nails, screws or industrial adhesives.

The tags are lightweight, dust tight, waterproof and protected against close-range high pressure, high temperature spray downs (IP69K).

InLine Tag Plates improve data collection speed and accuracy for logistics applications, while making tracking more cost-effective. UHF technology enables anti-collision functionality, fast data-rate communication and password data protection for precise, reliable tracking and updating. The plates can be read from distances of up to a 26 ft (8 m), and are compliant with EPC global-certified UHF Class 1 Gen 2 readers and modules.

TECHNOLOGY HIGHLIGHTS:

- Worldwide operating frequencies from 860 to 960 MHz (off-metal) or specialized (on-metal)
- Fully interoperable; standards-compliant
- Reliable performance on both metal and non-metal surfaces
- Waterproof under high pressure and temperature; chemical and impact resistant
- Mount with glue, nails, or screws
- Up to 496 bit EPC, 96 bit TID

APPLICATION AREAS:

- **Asset Tracking and Logistics**
 - Postal and road toll management: truck, wagon and train tracking
 - Supply chain management: pallet and goods tracking
- **Automation and Manufacturing**
 - Materials and inventory and tracking
- **Returnable Transport Items**
 - Shipping container tracking
- **Waste Management**
 - Commercial and industrial bin identification



SPECIFICATIONS

	InLine Tag™ Plate	
	EU	US
Base Model Number	7A3900	6C698B
ELECTRONIC		
Operating Frequency	860-960 MHz (Worldwide) off-metal; 865 MHz on-metal	860-960 MHz (Worldwide) off-metal; 915 MHz on-metal
Chip Type	Monza 3	Monza 4E
Memory	96 bit EPC + 64 bit TID	496 bit EPC + 96 bit TID + 128 bit user
Anti-Collision	Yes	
Reading Distance (2W reader ERP, free space)	Up to 26 ft (8 m) off-metal; 20 ft (6 m) on-metal	Up to 23 ft (7 m) off-metal; 18 ft (5.5 m) on-metal
PHYSICAL		
Dimensions	4.7 × 2.7 × 0.14 in (120 × 68 × 3.7 mm)	
Mounting Method	Glue, nail or screw	
Screw Fixation Hole	Ø 0.16 in (4.2 mm)	
Affixes To	All surfaces, including metal, plastic, wood	
Housing Material	PC/ABS high impact	
Color	Pantone warm gray 2U	
Weight	1.0 oz (27 g)	
CHEMICAL AND MECHANICAL RESISTANCE		
Water	IP69K, 176° F (80° C), 100 bar, 30 sek. 16 l/min	
Withstands Exposure To	Mineral oil, petroleum, salt mist, vegetable oil	
Environmental Test Conditions	68° F (20° C), 100 h	
Vibration	IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]	
Shock	IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times]	
Impact	IEC 62262-1K06	
Axial/Radial Force	500 N, 10 sec	
THERMAL		
Storage	-40° to +185° F (-40° to +85° C), 1 x 1000 h	
Operating	-40° to +185° F (-40° to +85° C)	
Shock/Fatigue	-40° to +185° F (-40° to +85° C), 100 x 5 min with 30 sec transition	
OTHER		
Standards	UHF EPC Class 1 Gen 2, ISO 18000-6C, ISO 17364	
Options	Custom colors. Embossing or laser-engraving of logo, barcode or text. (Standard tags have no laser-engraving.)	
Box Size	240 pcs.	
Warranty	2 Years	



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