



## **TERMINATOR TAG (T-Tag) Class 1 Gen 2 UHF RFID Tag**

The new Terminator Tag is the newest addition to Starport Technologies' line of UHF RFID metal mount tags. The T-Tag resembles the other Starport Tags with its unmatched thin-as-a-dime form factor, but outperforms any comparable UHF RFID metal mount tag on the market by at least 15 feet with an extraordinary read distance of up to 50 feet.

**Superior attributes include:**

- Up to 50 feet read distance on the RFID adverse surfaces especially metals, liquids, and glass—best performing UHF RFID tag on the market today
- 512 bits of memory from the popular Higgs 3 chip
- Extremely low profile at only 0.125" which strengthens and extends surface grip
- Solid core structure prevents impact-related damage due to mishandling
- Low cost compared to active RFID technology
- Newly improved planar antenna design
- Exclusive UHF RFID tag with 5 patent-pending technologies rolled into one
- Completely integrated Gen 2 Passive UHF RFID Solution

# Terminator Tag Specifications

## Type:

EPC Class 1  
Gen 2 Passive UHF RFID Tag

## Metal Mount Uses:

WIP and Asset Tracking  
Warehouse and Inventory Management

## Popular Industries:

WIP and Asset Tracking  
IT  
Aerospace

## Composition:

Four-Layer Construction

Custom Inlay/Label	
	--Adhesive
Terminator HDPE .125"	
	--Adhesive
Aluminum/Copper Foil	
	--Adhesive
Liner	

## Tag Dimensions:

Length 4.5"  
Width 2.0"  
Thickness .138"

## Read Range:

Up to 50 Feet

## Resonance Frequencies:

Center Frequency = 915 MHz

## Reader Compatibility:

Gen 2 Compatible

Tested With:

SAMsys MP9320 v2.8  
Alien 9800 n05.09.21.00  
Awid MPR-3014 NF-QM-NA v5.05N  
Symbol XR400 rev2.0.7  
ThingMagic Mercury4 v2.3.14  
All Other Current Models

# Measurements

TAG PERFORMANCE	Starport's Tags			Comparable Tags		
	Adamas-I	Portunus-II	Terminator	Passive	Battery Assisted Passive	Active
Cost	✓	✓	✓	✓		
Performance on Metal to 25 Feet	✓	✓	✓		✓	✓
Performance on Metal to 50 Feet			✓			
Performance on Containers with Liquids	✓	✓	✓		✓	✓
Size	✓	✓	✓			
Thickness	✓	✓	✓			
<b>Read Range:</b>						
Free Space	30'	16'	50'	30'	Up to 150'	100' or More
Metal	30'	24'	50'	7'	Up to 150'	100' or More
Liquids	30'	20'	50'	5'	Up to 150'	100' or More

## Higgs™ 3 Specification

- Meets EPCglobal Gen2 (V 1.2.0) as well as ISO/IEC 18000-6C
- 800-Bits of Nonvolatile Memory
- 96-EPC Bits, extensible to 480 Bits
- 512 User Bits
- 64-Bit Unique TID
- 32-Bit Access and 32 Bit Kill Passwords
- Pre-Programmed with a unique, unalterable 64-bit serial number
- User Memory can be Block Perma-Locked as well as read password protected in 64-Bit Blocks
- Supports all Mandatory and Optional Commands including Item Level Commands
- Custom Commands for high speed programming; 30 tags per second for the 96-bit EPC number
- Lower power operation for both read and program
- Exceptional operating range, up to 10m with appropriate antenna
- For additional info, go to [AlienTechnologies.com/products](http://AlienTechnologies.com/products)



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