



**STALLION**

Smarter... Faster... Higher...



# STA L10150 RFID Label

Ultra High Frequency 860-960MHz

Robust Design & Exceptional Design

## Features

- ISO 18000-6C Compliant
- UHF 860-960MHz
- Tag adhesive enables easy attachment
- Fully compatible with bar code printer
- Optimized for "Slap and Ship"
- Anti-collision
- Best of Class performance at low cost
- Seamless Integration into paper substrate

## Overview

The RFID label STA L10150 consists of 860-960MHz UHF (Ultra high frequency) transponders that are compliant with EPCglobal C1 Gen 2 standard.

These products offer four memory banks, including 96-bit EPC number, 64-bit Tag ID, 32-bit Passwords, 32-bit kill password and 224-bit optional user memory, that can each be independently locked with a password to prevent overwriting. In addition, the locking structure is protected by a 32-bit password, offering a stronger level of security.

STA L10150 delivers exceptional EPC Gen 2 range and reliability in a flexible form factor at competitive prices.

## Applications

The STA L10150 labels are well suited for usage in a broad range of applications including:

- Consumer Products
- Logistics
- Manufacturing



# Product Specifications

## Physical Characteristics

Dimensions	102 × 51mm (4 × 2in.)
Case material	Adhesive paper

## User Environment

Operating temperature	-10°C to +70°C (14°F to 158°F)
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## Performance Specifications

Operating frequency	860-960MHz
RF Air Protocol	ISO 18000-6C
Read distance	Up to 7m/23.0ft (reader dependent)
Anti-collision	Simultaneous identification of multiple tags
Functionality	Read/Write
Memory	96-bit EPC code, 64-bit UID, 224-bit user programmable area, 32-bit access password, 32-bit kill password
Data retention	up to 10 years (Temp. ≤55°C/134°F)



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