OMNIAIR CERTIFIED
RFID-6C SP-MP-ML Tolling
2026040101

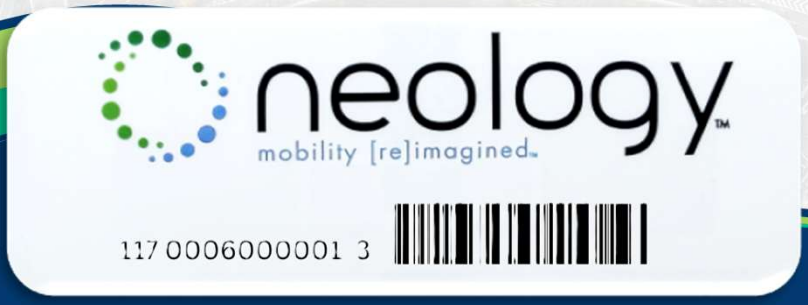
Single-Side Print

OMNIAIR CERTIFIED
RFID-6C SP-MP-ML Tolling
2025110601

Double-Side Print

neoPass™

UHF Non-Transferrable 6C Windshield Mount Tag



The Neology UHF Non-Transferrable 6C Windshield Mount Tag is a high-performance radio frequency (RF) transponder used for automatic vehicle identification applications.

Overview

This OmniAir® and E-ZPass® Interagency Group-certified 6C transponder has read/write functionality, includes a unique identification code and operates without a battery by drawing power from the reader.

Neology's technologies offer multiple levels of security and authentication options that provide both 'break on remove' and physical authentications for the transponder.

Our proven experience, reliability, and consistent performance are the result of our design excellence, stringent quality control, and rigorous internal testing of 100% of our tags at our San Marcos, CA manufacturing facility.

Neology has distributed millions of 6C tags globally with a significant percentage of 6C transponders in the US tolling market. Neology holds long-standing intellectual properties with over 400 granted patents.

Transponder Features

- Offers multiple levels of security
- Interior windshield-mounted with simple to install compact form factor
- Available in short or long pitch option which allows Agencies to add installation instructions, toll-free numbers and web addresses
- Password authentication
- All tags are passive, eliminating the need for batteries
- Over 10-year life expectancy
- Outstanding performance reliability with high-speed data transfer and read ranges between 7-12 meters
- Compliant with 6C TOC power requirements
- Loyalty tag program available for state university or sports team logos
- Break on Removal available on short and long pitch

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Windshield Tag Options

Short Pitch

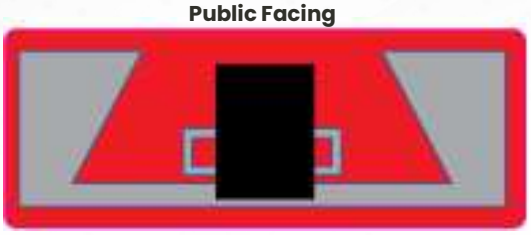
Part #201093: Short Pitch Single-Sided Printing with Break on Removal

Neology can color-code your windshield tags to identify them as revenue, non-revenue, fire, police, or first responders.

Driver Facing



Public Facing



Short Pitch

Part #201093-2x: Short Pitch Double-Sided Printing

Neology can provide double side color printing of a windshield sticker to reinforce the identify of your agency or your branded tag program.

Driver Facing



Public Facing



Long Pitch

Part #201092: Long Pitch Single-Side Printing with Break on Removal

Part #201092-2x: Long Pitch Double-Side Printing

Neology provides single and double side color printing which includes the standard sticker tag on the top and a bottom portion which can include installation instructions, QR code, web address, CSC toll free number, and serial number and bar code.



Loyalty Tag

201092-L: Loyalty Tag

What better way to show your loyalty to your favorite professional or collegiate sports team than to proudly display it on the public-facing side of your windshield tag.



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Neology is proud to be an International Bridge, Tunnel and Turnpike Association (IBTTA) member and Platinum Sponsor.

Technical Specifications

Product Information

Part Number:

*201093: Short Pitch Single-Sided
201093-2x: Short Pitch Double-Sided
*201092: Long Pitch Single-Sided
201092-2x: Long Pitch Double-Sided
201092-L: Loyalty Tag

Physical Characteristics

Dimensions: (L x W)
67.310 x 25.4 mm
2.65 x 1 inches
Average Weight: 2g (0.071 oz)
Material: Etched Aluminum
Antenna PET Substrate

Environmental Characteristics

Operating Temperature: -40° to +85° C
Storage Temperature: -55° to +125° C
ESD Voltage Immunity: 15kV air, 8kV contact
Relative Humidity: 95%
Vibration Resistance: ASTM D4169 Truck Transportation Profile

Tag Security Features

*Break on removal

Mounting Method

Interior Windshield

Electrical Characteristics

Chip Type: NXP UCODE9xm
IC Operating Frequency: 860-960 MHz
Data Transfer Rate: up to 640 kbps
Supported Protocol
ISO/IEC 18000-6C,
UHF EPC Global Gen 2 (V. 2.1)
Tag Read Range: 7-12 meters 902-928 MHz
On-chip Nonvolatile Memory: 800 bits EPC
Memory: 96 bits
User Memory: min 512 user bits
Tag Identifier: 96-bit TID
Access Password: 32-bit
EEPROM Data Retention: 20 years
EEPROM Write Endurance: 100k cycles
Unique TID
Password Authentication
Certification Double-Sided Printing Awarded
Certification Single-Sided Printing Pending



Neology, Inc. is a global tolling technology company headquartered in Carlsbad, California, that develops and delivers tolling products and services used in over 5,000 lanes and ETC systems across North America, Latin America, Europe, and Asia Pacific.

Neology is partnering with our customers to help communities enhance mobility, increase sustainability, improve safety, and generate increased revenue.

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