

VIPER

INTRODUCING THE VIPER

The EMX TRES-900-VIPER is a clear, adhesive-backed UHF RFID tag engineered to deliver high performance in the smallest of footprints. Its near-invisible profile and 4.75" form factor let it disappear into a windshield or headlamp while still delivering a 25–30 ft average read range — making it the go-to choice for discreet, long-range identification and tracking.



Key Features:

- **Discreet clear design** — transparent adhesive backing applies cleanly to windshields, headlamps, and other surfaces without drawing attention.
- **Compact footprint** — at 4.75" × 0.625" × 0.042", it fits into tight spaces where larger tags won't.
- **Long-range performance** — 25–30 ft average read range supports fast, hands-free scanning.
- **Built for tough materials** — engineered to perform on detuning and difficult-to-tag surfaces.
- **Flexible mounting** — installs in vertical or horizontal orientation.
- **Industry-standard compliance** — fully EPC Class 1 Gen2 and ISO 18000-6C compliant for broad reader compatibility.

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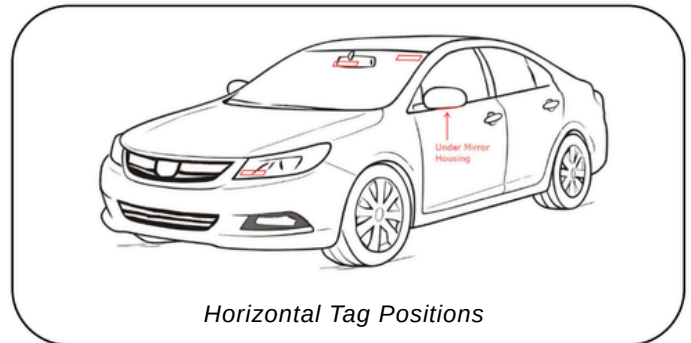
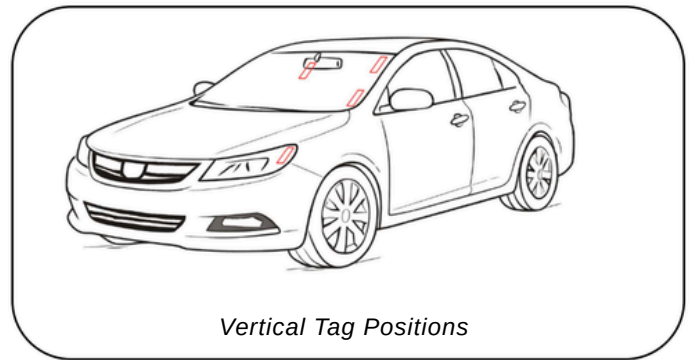
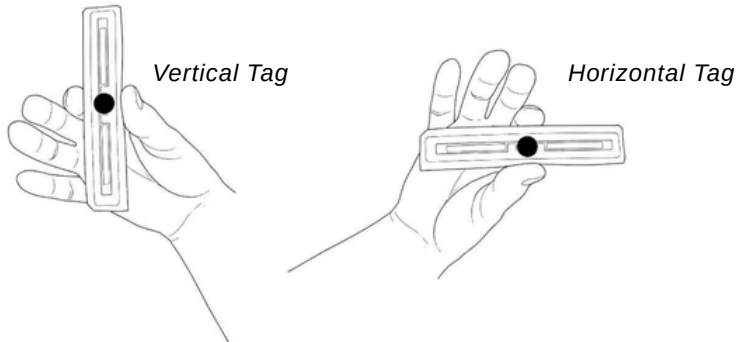
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MORE DETAILS

Applications

- AVI (Automated Vehicle Identification) — vehicle tracking, access, and management.
- Supply Chain Management — inventory control, tracking, and logistics.
- Industrial Automation — improved accuracy and throughput in automated processes.
- Brand Protection — guards against counterfeiting and unauthorized distribution.



TECHNICAL DATA

Parameter	Specification
Part Number	TRES-900-VIPER
RFID Type / Protocol	EPC Class 1 Gen2, ISO 18000-6C
Operating Frequency	902–928 MHz (UHF)
Form Factor	Clear adhesive-backed tag / inlay (combo)
Dimensions (L × W × Thickness)	4.75" × 0.625" × 0.042"
Mounting Orientation	Vertical or horizontal
Recommended Surface	Windshield or headlamp
Material Compatibility	Detuning and difficult-to-tag materials
Average Read Range	25–30 ft
Adhesive	Clear, pressure-sensitive backing

WARRANTY EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. Rev 3 12/06/2022

