

Windshields Tag

Ultra high performance tag

Identification & Security

Vehicle Access Control - Fleet management

STid UHF Windshields Tag is an ultra high performance, general purpose RFID inlay especially well suited for high dielectric materials such as windshields and reusable plastic pallets or containers.

Features

- > Exceptional performance
- > EPC Gen 2 (v1.2.0) compliant
- > ISO/IEC 18000-6C compliant
- > Worldwide RFID UHF operation (840-960MHz)
- > Higgs™-3 IC with 800-bits of Nonvolatile Memory :
 - 32-bit TID
 - 64-bit Unique TID
 - 96-bit EPC Memory, extensible to 480-bits
 - 512-bit User Memory
 - 32-bit Access password
 - 32-bit Kill password
- > Pre-programmed with a unique, unalterable 64-bit serial number (ideal for authentication).
- > User Memory can be Block Perma-Locked.
- > User Memory can be Read Password protected in 64-bit blocks, prohibiting unintended Reads without an access password.
- > Supports all Mandatory and Optional Gen 2 commands including item level commands.
- > Custom commands for high speed programming
- > Available in high-yield, high-capacity dry/wet inlay rolls for high volume converting processes.



UHF Windshields Tag

Product specification

Tag Width	3.799" [96.5mm]
Tag Length	0.913" [23.2mm]
Core Material	Fiberboard
Overlay (-FWRW)	2.5 Mil White Polyolefin
Overlay Adhesive (-FWRW)	Acrylic
Tag Adhesive	Acrylic
Adhesive Application temperature	> +36.5°F [+2°C]
Adhesive Service Temperature	-4°F to +199.4°F [-20°C to +93°C]

Environmental

Shelf Life	2 Years at +77°F [+25°C] @ 40%RH
Recommended Storage	+77°F [+25°C] @ 40% RH
Storage Limits	-13°F to 122°F [-25°C to +50°C]
Operating Limits	-40°F to +158°F [-40°C to +70°C]
Bend Diameter	> 1.97" [50mm]
Pressure	< 5N/mm ²
Drop Resistance	Per ASTM D5276
Write Cycles	10,000
RoHS	2002/95/EC Compliant
ESD – HBM / CDM	> 5.0kV / > 1.5kV

RFID

ISO/IEC 18000-6C	
EPCglobal Class 1 Gen 2	
Operating Frequency	840–960 MHz
EPC Size	96 - 480 Bits
User Memory	512 Bits
TID	32 Bits
Unique TID	64 Bits
Access Password	32 Bits
Kill Password	32 Bits

Reference	ETA-W42M-223(P)AH
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Revendeur officiel

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