

# TagMaster

North America, Inc.

## PRODUCT SHEET

Part No. S1281



## MarkTag TpE

The MarkTag TpE is designed for permanent windshield attachment. It is the ideal choice of ID-tag in access control applications, where there is a demand for a permanent link between the vehicle's identity and the ID-Tag. When there is an attempt to remove the tag, the special pattern printed on a visible layer will indicate a tamper and may also result in permanent damage.

There is no need for a Tag holder, as the MarkTag TpE comes with an adhesive side that permanently adheres to the windshield. Its long and narrow reading lobe makes it suitable for applications where multiple vehicles need to be identified next to each other.


The MarkTag TpE is a read-only 2.45 GHz RFID tag. Each ID-tag has a pre-programmed 8-digit unique identity code from factory and a 32 bit checksum for automatic verification. This eliminates substitution errors even with several ID-tags identified simultaneously.

The ID-tag is battery powered, keeping the tag alert for response to the reader signal. The lifetime of the MarkTag TpE is therefore fully predictable to 6 years, independent of the number of times it is being identified.

- Tamper Evident characteristics
- Long and narrow read-range
- Predictable lifetime of 6 years
- Designed for position in vehicle windshield using adhesive - no Tag holder needed
- Battery powered – no wake-up time – fast reading
- Licence-free worldwide

### DATA:

\*Depends on reader type, settings and mounting.

Operating frequency	2.400 GHz to 2.483 GHz
Reading range*	Example: Up to 10 meters (33 feet) with the LR-6 XL Reader
Dimensions	47x70x13 mm (1.85x 2.75x 0.51 in)
Encapsulation	Robust polymers
Colour	Grey scale
Battery lifetime	6 years
Operating temperature	-20 °C (-4 °F) to +70 °C (+158 °F)
Sealing	IP 42
Certifications	 CE Certificate according to R&TTE-Directive 1999/5/EC, Annex IV, Health: 1999/519/EC, El.Safety: EN 60950, EMC: EN 301489-3:2000, Radio: EN 300 440:2001 RoHS

| Unique identity, cannot be changed or copied | 32 bit ID checksum for elimination of substitution errors | No tag holder needed