



WindShield ID-tag

EPC Gen 2 UHF

The WindShield ID-tag is a passive UHF ID-tag suitable for long-range AVI solutions. Conforming to the UHF EPCglobal Class 1 Gen 2 (ISO 18000-6C) standard, the WindShield ID-tag is supplied pre-programmed using the TagMaster SecureMarkID™ data format. The SecureMarkID™ ensures that each TagID is unique and guarantees that a WindShield ID-tag cannot be changed or duplicated. The unique TagID and the associated barcode are printed at the front of the ID-tag to allow automated processing and easy issuing to end-users. WindShield ID-tags are delivered in rolls with TagID numbers in a unique sequential number series.

When attached to the inside of a vehicle windshield, the WindShield ID-tag has a read-range of up to 5 meters, when read by the TagMaster XT-2 UHF RFID Reader. The WindShield ID-tag has an integral pressure-sensitive adhesive layer for attaching the ID-Tag to a vehicle windshield.

The TagMaster SecureMarkID™ provides a secure authorization solution as an alternative to the commonly used non-secure EPC data

- Read-range of up to 5 meters* when attached to a windshield
- Conforms to UHF EPCglobal Class 1 Gen 2
- Passive tag technology
- Includes TagMaster SecureMarkID™ authorization solution
- Delivered in continuous TagID number series

DATA:

Operating frequencies	EU: 865 – 868 MHz
Operating frequencies	US: 902 – 928 MHz
Reading range	EU: Up to 5 meters* (16 ft) and US: Up to 6 meters* (20 ft)
Writing range	EU: Up to 4 meters* (13 ft) and US: Up to 5 meters* (16 ft)
Dimensions	106.4 x 28.6 mm (4 3/16 x 1 1/8 in) thickness 0.55mm (0.022 in)
Weight	2.2 grams (0.078 oz)
Adhesive	Low surface energy, pressure-sensitive adhesive
Encapsulation material	Flexible polypropylene
Copy protection	SecureMarkID™
Programmable data field	According to EPC Gen 2, ISO 18000-6C, 96 bits
Colour	White with print
Barcode	Code 128C
Operating temperature	-25 °C (-13 °F) to +80 °C (+175 °F)

DATA SUBJECT TO CHANGE WITHOUT NOTICE

* DEPENDS ON PHYSICAL ENVIRONMENT AND OUTPUT POWER REGULATIONS .