



VEHICLE LOGISTICS LABEL

Product Datasheet



VEHICLE LOGISTICS LABEL

7iD Vehicle Logistics Label is a special label for vehicle outbound logistics applications.

The structure of the label is designed to resist outdoor all weather conditions including vehicle washing during their lifecycle. It is residue-free removable and additionally, the label has white thermal transfer printable face for visualizing the tag's EPC code or other data. The label is delivered in reel format and it can be encoded and printed with typical RFID printers.

TRANSPONDER SPECIFICATION

Device Type	Class 1 Gen 2 passive UHF RFID Transponder
Air Interface Protocol	EPCglobal Class 1 Gen 2 ISO 18000-6C
Operational Frequency	860 – 960 MHz
IC	NXP UCODE G2XM
EPC memory	up to 240 bit
Extended memory	512 bit

LABEL SPECIFICATION

Dimension	144mm x 120mm x 0,2mm
Face material	Thermal transfer printable
Background adhesive	Acrylic adhesive
Weight	1g
EPC memory	up to 240 bit
Delivery format	1000pcs on reel, bad functioning labels removed

ENVIRONMENTAL SPECIFICATIONS

Operating temperature	-35°C to +85°C (-31°F to +185°F)
Ambient temperature	-35°C to +90°C (-31°F to +194°F)
Store condition	2 years in +20°C / 50% RH
Water resistance	Good, tested for 5 hours in 1 meter deep water, tested for 3 seasons in central Europe outdoor conditions
Chemical resistance	Good
Expected lifetime	Years in normal operating conditions

VEHICLE LOGISTICS SPECIFICATIONS

Read range on glass	4-6 meters / 13-20 ft
Compliance	RoHS compliant

ORDER INFORMATION

Product number	410.00001
Product name	Label Vehicle Logistics



KEY FEATURES

- Class1 Gen2 ISO 18000-6
- NXP UCODE G2XM
- 144mm x 120mm
- Thermal transfer printable
- Acrylic adhesive
- Residue-free removable
- Read range 4-6 meters
- All-season, all-weather
- Europe climate proof
- Reel delivery
- Bad functioning removed



ADDITIONAL INFORMATION AND TECHNICAL SUPPORT

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