



Air interface protocol	Operational frequency	Tag dimensions
EPC Global Class1 Gen2 ISO 18000-6C	Global 860-960MHz	96 x 14 mm / 3.78" x 0.55"

MECHANICAL SPECIFICATION	
Inlay Substrate	Special PET
Antenna material	Silver Conductive Ink
Liner	Strong Adhesive Glassine Liner
Weight	1g / pc
Delivery format	5000 pcs on reel
Pitch on reel	20.638 mm / 0.81"
Reel core inner diameter	76 mm / 3"

Environmental Resistance

Operating temperature	-20°C~ 80°C / -4°F~176°F
Ambient temperature	-20°C~ 80°C / -4°F~176°F
Storage condition	2 year at +20°C / 50 % RH
Expected lifetime	2 years in normal operating conditions

Electrical Specification

Device type	Class 1 Generation 2 passive UHF RFID transponder
Air interface protocol	EPC Global Class1 Gen2 ISO 18000-6C
Operational frequency	Global 860-960MHz
IC type	Monza 4QT
Memory configuration	EPC 128 bits; Unique TID 48 bits; User Memory 512 bits
Read range	Windshield up to 4 m / 13.12 ft

