RFENERGIE

RFG-74mm

*UHF-74*18mm Tags*

DESCRIPTION

Manufactured using inlays from Avery Dennison, which provide maximum performance on a given footprint of 70 x 14.5 mm. Leveraging the capabilities of NXP's UCODE 8 chip, the Gen2 UHF RFID inlays are suitable for an array of RFID applications that can improve supply chain visibility and inventory management. It has features a 128-bit EPC memory and a 96-bit unique factory-locked TID number. Also, a 48-bit unique serial number is factory-encoded into the TID. Delivery formats include dry, wet, and pressure-sensitive labels.

Specification	
PHYSICAL CHARACTERISTICS	
Inlay size	74mm X 18mm
Label size (customizable)	74X20/100X25/100X50 mm
Adhesive	Acrylic
Delivery format	Reel
No. of labels/Reel	5,000 pcs/reel
Core Inner diameter	76 mm / 3 in
Available face material	PET/Paper
ENVIRONMENTAL RESISTANCES	
Operating temp.	-40 °C to 85 °C -40 °F to 185 °F
Relative humidity	5-95% Condensing
UV Resistant	No
PERSONALIZATION OPTIONS	
Encoding	Possible
Customized printing	Possible
RFID SPECIfiCATIONS	
Operating mode	Passive
Frequency Band	UHF 860 - 960 MHz
RF protocol	EPC class 1 Gen 2
IC	NXP UCODE 8
Functionality	Read/Write
EPC memory	128-bit
TID memory	96-bit/48 bit Unique
User memory	serial number
Web Width	NA
Access password	76 mm / 3 in
Kill password	32 bit 32 bit
Write cycle endurance	2,00,000 cycles
Read range	Upto 7 meters
Tamper proof	No
RoHs	EU Directive 2011/65/EC & Directive (EU) 2015/863