



## UHF RG-14 Label

### Features

- Operates effectively with a very good read range when attached Off to metal surfaces
- Flexible Read/Write Range (reader dependent)
- Great Performance & Strong adhesive

### Applications

With innovative antenna design and customized printing compatibility, the RG-14 Label is ideal for applications such as:

- Supply Chain
- Logistics
- Trolley/ Pallet Tracking
- Asset Tracking

### Physical

Die-Cut Size in MM	44 x 18 ± 0.5
Antenna Size in MM	42 x 16 ± 0.5
Web Width in MM	50 ± 1
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Material	PET
Core Size	3" (76.2mm)

### Electrical

Protocol	EPC Class 1 Gen 2
Antenna	Etched Aluminum
Operating Mode	UHF Passive
Operating Frequency	860-960MHz
IC Type	NXP UCODE 9
Memory	TID : 96 bits EPC : 96 bits User : NA
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	• Up to 4 Meters from a Fixed Reader • Up to 2 Meter from a Handheld Reader

\* Read Range is based on ERP of reader antenna

### Customization Options

Encoding	Serialized or Variable
Printing	Barcode, QR Code, Logo Etc.
Adhesive	3M or Others (Depending upon volumes)
IC	Various Options Available, Depending upon Application
Versions	1. PET Label 2. Wet Inlay