



UHF RG-16 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-16 Label is ideal for applications such as:

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

Physical

Die-Cut Size in MM	74 x 18 ± 0.5
Antenna Size in MM	70 x 14 ± 0.5
Web Width in MM	80 ± 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	Impinj Monza R6P
Memory	TID : 96 bits EPC : 128 bits User : 32 bits
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	• Up to 8 Meters from a Fixed Reader • Up to 4 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