



## UHF RG-12 LABEL (9940)

The UHF RG-12 Label is a High-performance UHF RFID label for fast and accurate reads. This label Operates effectively with a very good read range when attached Off to metal surfaces and delivers reliable performance across diverse substrates, including challenging materials like ruggedized plastics, corrugated cardboard, and smooth glass surfaces, serving as a robust solution for complex industrial environments.

### PHYSICAL PARAMETERS

Die Cut Size in mm	98 x 12 ± 0.5
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Material	Coated Paper/ PET
Core Size	3"(76.2mm)

### ELECTRICAL PARAMETERS

Working Frequency	Global: 860- 960MHz
Standard Protocol	ISO 18000-6C and EPCglobal Gen2v2
Chip Type	Alien Higgs 9
EPC Memory	96 - 496 bits
User Memory	Up to 688 bits
Data Retention	50 Years
Write Endurance	100,000 cycles
Read Range	Up to 15 Meters from a Fixed Reader Up to 9 Meter from a Handheld Reader

### PERSONALIZATION

Encoding	Customer specific encoding of EPC
Printing	Customized logo, text, barcode etc.
Chip	Various Options Available, Depending upon Application
Adhesive	3M or Others (Depending upon volumes)

### APPLICATION AREA



Automatic  
Vehicle  
Identification



Parking  
Management



Warehouse



Manufacturing



Logistics