



UHF RG-15 LABEL

The UHF RG-15 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 | 100 x 25 ± 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 | NXP UCode 9 |
| EPC Memory | 96 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