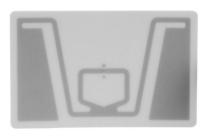
#### **Product Specifications**





# Features

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

## **Applications**

With innovative antenna design and customized printing compatibility, the RG-25 Label is ideal for applications such as:

- Manufacturing
- Logistics
- Supply Chain
- Apparel

#### **Physical**

Die-Cut Size in MM	54 x 34 ± 0.2
Antenna Size in MM	50 x 30 ± 0.2
Web Width in MM	60 ± 1.0
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Material	Coated Paper/ PET
Core Size	3" (76.2mm)

# UHF RG-25 Label

### **Electrical**

Protocol	EPC Class 1 Gen 2
Antenna	Etched Aluminum
Operating Mode	UHF Passive
Operating Frequency	860-960MHz
ІС Туре	Impinj Monza R6-P
Memory	TID : 96 bits EPC : 128 bits User :32 bits
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	<ul> <li>Up to 4 Meters from a Fixed Reader</li> <li>Up to 2 Meter from a Handheld Reader</li> </ul>

\* 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. Paper/ Polyester Label