



# GB27U8 RFID Inlay

## Product Spec Sheet



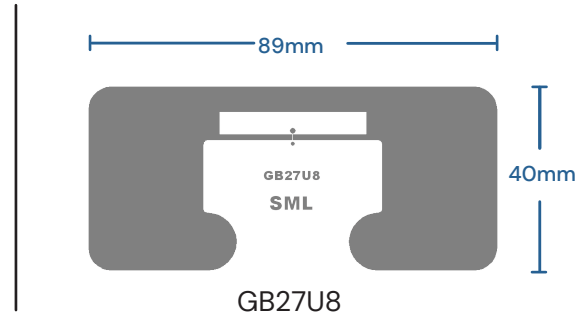
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### Applications

Inventory - Logistics - Tires / Rubberized Materials  
Supply Chain Management

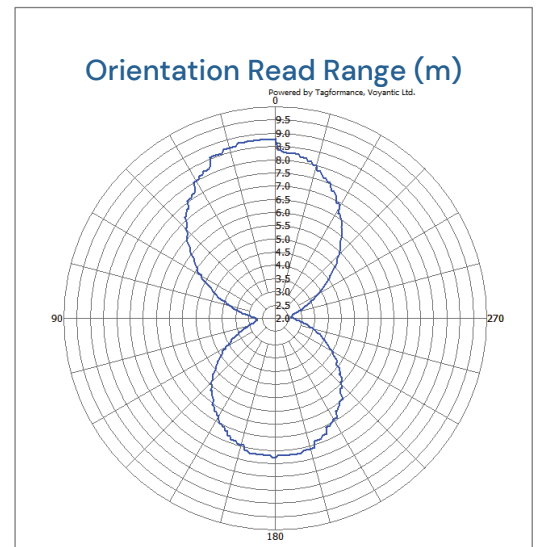
### Key Benefits

- ✓ Pre-Serialization of 96 bit EPC
- ✓ 3D Orientation Design
- ✓ Excellent Performance

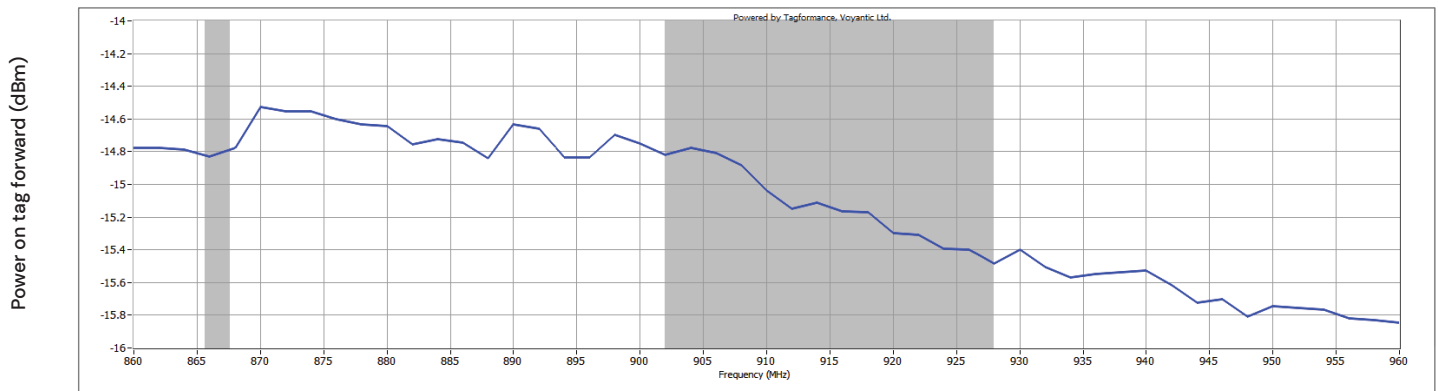


### Technical Features

Antenna Size / Web Width	89 X 40 mm [3.5 X 1.57 in] / 95 mm [3.74 in]
Integrated Circuit (IC) Type	NXP UCODE 8
Operating Frequency	860 - 960MHz
RF Communications Protocol	ISO/IEC 18000-63 and EPC Global Class 1 Gen2
ARC Approved Spec	T
Chip Memory	128 bits EPC
Inlay Substrate Material	PET
IC Features	Auto Adjust Technology, Brand Identifier, Pre-serialized 96bit EPC, Broad Bandwidth
Read Sensitivity	-23 dBm
Write Sensitivity	-18 dBm
Operating Temperature	-5°C to 60°C / 23°F to 140°F
Operating Humidity	20% - 60% RH



Sensitivity Results from Free Space (dBm)



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