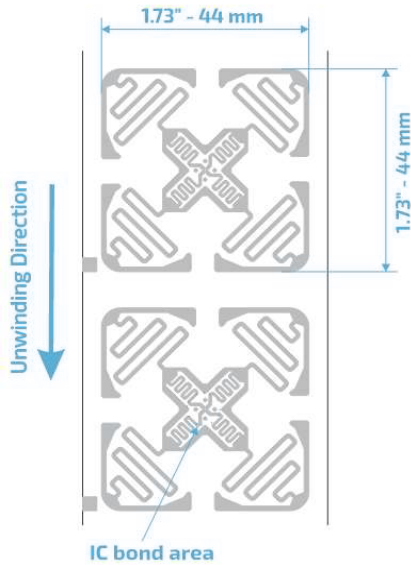


H47 44x44

UHF RFID 860 to 960 MHz

Product Design



Description

Designed with 360° reading technology, which offers readability in an adverse label positioning. Specially Designed for supply chain management of boxes and pallets.

Market Applications

- Boxes and pallets
- Asset management
- Supply chain, inventory and logistics

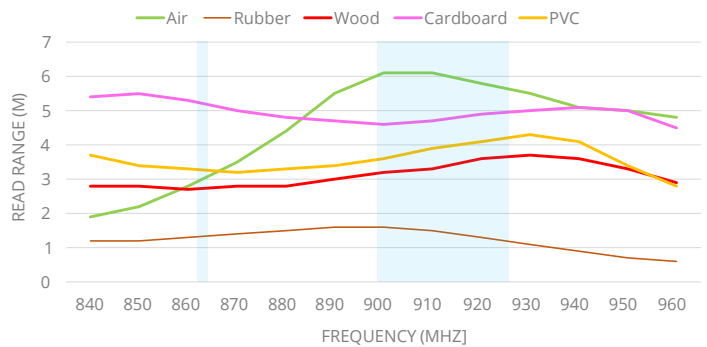
Key Benefits

- Traceability
- Inventory management
- Goods in transit

TECHNICAL SPECIFICATION		
Size	Antenna 44x44 mm	Register mark 3x3
Web	52 mm / 2.05"	
Pitch	51.858 mm / 2.042"	
Gap	7.858 mm / 0.309"	
SKU	IN00029 Inlay H47 4QT IN00117 Inlay H47 4E	
Standards	RAIN RFID ISO 18000-63 and EPC Global Gen2v2	
Integrated Circuit	Monza 4QT TID 96 bits 48 uniques	EPC: 128 bits, User: 512 bits EPC: 496 bits, User: 128 bits
Formats	Dry Inlay, Wet Inlay, Sticker Labels, and RFID tags could be developed according to the necessity	
Substrat	PET with aluminum antenna	
Roll	Qty	Max. Diameter Core Size
Dry Inlay	20,000 < 398,8 mm / < 15,7"	76,2 mm / 3"
Thickness*	62 - 67 microns	
Temperature	-40 °C to 85°C for operation -40 °C to 85/125 °C for storage	

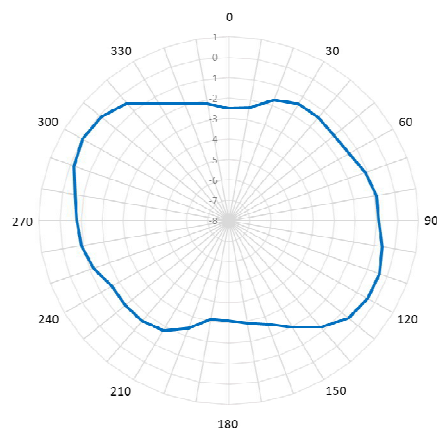
* The thickness excludes the spacer tape.

Read range



All graphs are generated in laboratory. Real-life performance may vary.
Reader power: 29 dBm. Antenna sensitivity: -70 dBm.

Angular Sensitivity



Structure

