



PRODUCT SPECIFICATION



Product name:	<u>UHF RFID Anti-metal Tag</u>
Item NO.:	<u>LDR-7831M</u>
Version:	<u>V1.0</u>
Date:	<u>2020.07.24</u>

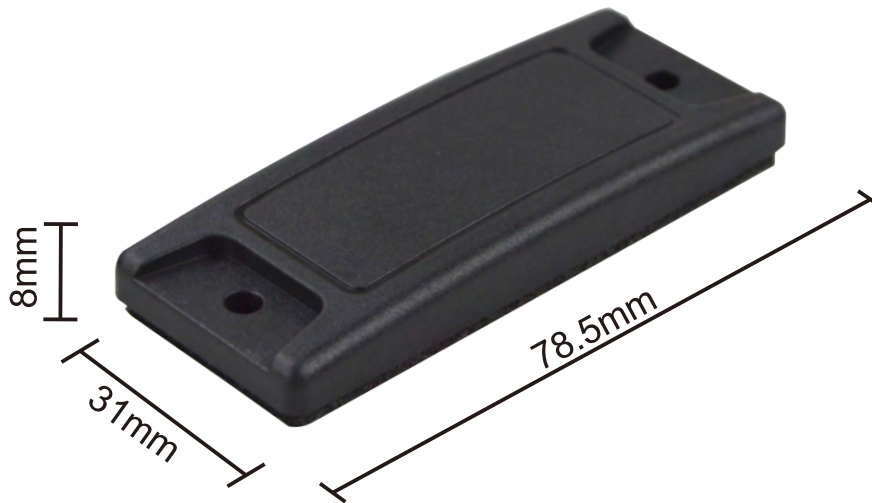
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Quick Details

Leadercolor LDR-7831M UHF RFID Anti-metal tag is compliant with ISO18000-6C protocol and it fits for all 860-960mhz readers and antennas. It's read range up to 8meters when it sticks to metal device surface. Its hard ABS material makes it widely used for IT asset tracking management.

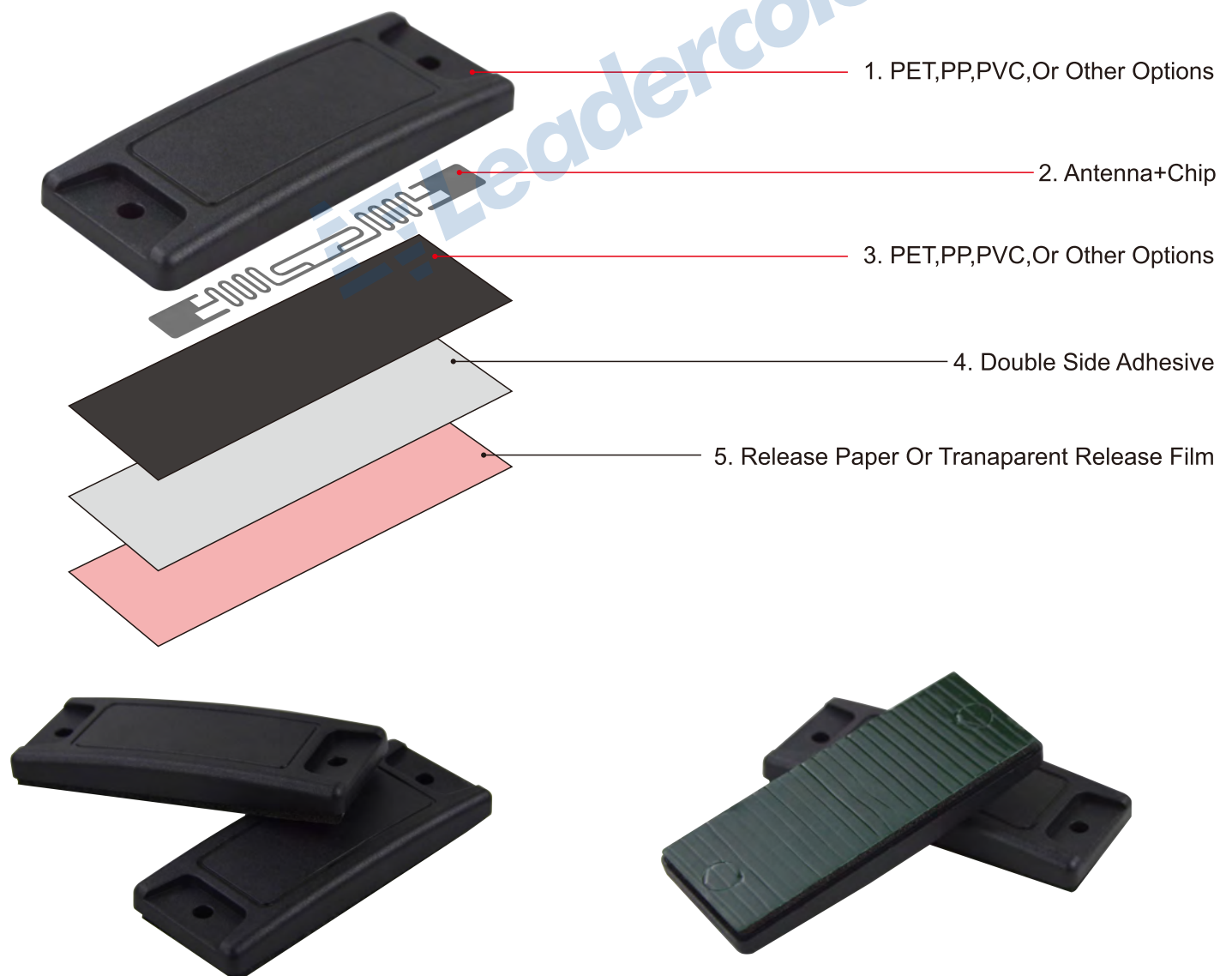
RFID Parameter

Model No.	LDR-7831M
Type	Passive UHF RFID Anti-metal Tag
Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
Frequency	Worldwide 840-960Mhz, US 902-928mhz, EU 865-868Mhz
Chip	Alien Higgs-3; Optional Alien H4, Impinj Monza 4/5, UCODE 7
Memory	EPC 96bits, extensible to 480 Bits, UID 64bits, User 512bits
Read&Write	Supported
Read Range	1-8meters adjustable(reader and environment dependent)
Data retention	10years
Programming Cycles	100,000 cycles
Anti-collision	Support multiple tags reading

Physical Parameter

Size	78.5×31×8mm/3.09×1.22×0.31inch; Other size customized
Antenna Material	Aluminum Etching + PET
Surface Material	ABS Waterproof
Encode	Supported
Installation	Screw & Sticker
Operating Temperature	-40℃ ~ +80℃
Operating Humidity	20% ~ 90%RH
Package	50pcs/bag

Structure



 Application

- Item level management, asset tracking management
- Hospital equipment management
- Metal devices supply chain management

