



PRODUCT SPECIFICATION



Product name:	<u>UHF Anti-metal Sticker</u>
Item NO.:	<u>LDR-8025M</u>
Version:	<u>V1.0</u>
Date:	<u>2019.12.15</u>

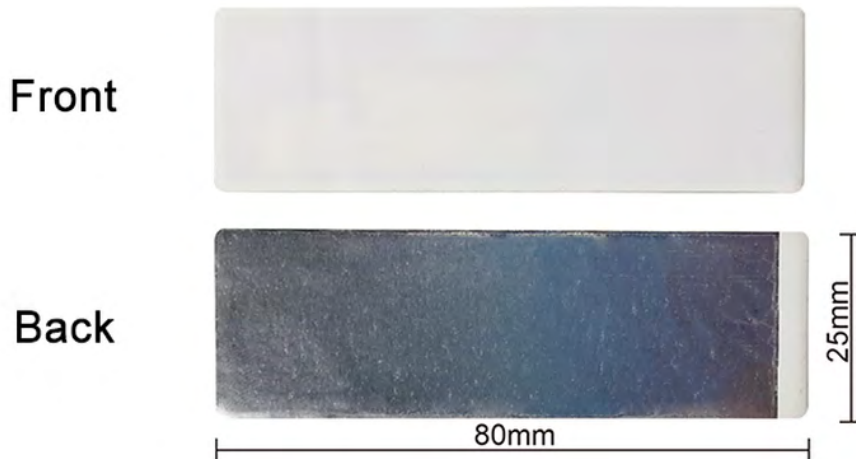
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Quick Details

LDR-8025M Printable UHF Anti-metal Tag is our self-designed and self-developed tag which is suitable for metal objects' management. With special anti-metal material and Monza chip, its read range up to 6meter when it pastes on the metal surface. It supports printing on RFID printer by rolls.

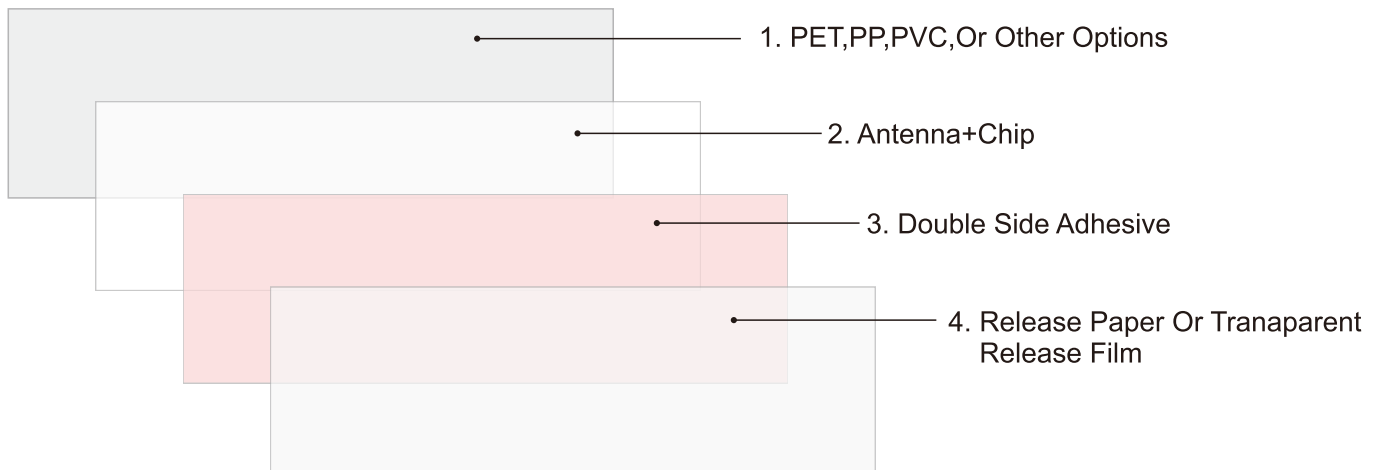
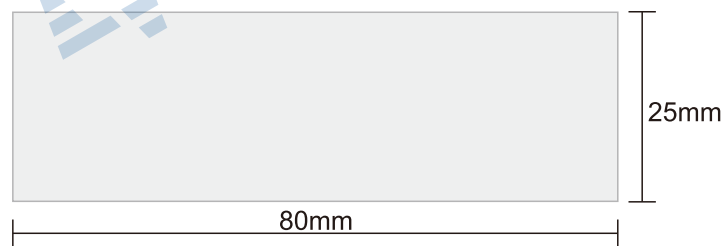
RFID Parameter

Model No.	LDR-8025M
Type	Passive UHF RFID Tag
Protocol	ISO/IEC 18000-6C, EPC Class1 Gen2
Frequency	Worldwide 840-960Mhz
Chip	Impinj Monza MR6-P
Memory	EPC: 128(96)bits/Unique TID: 48bits/User: 32(64)bits/ Password: 32bits access, 32bits kill/User 512bits
Read&Write	Supported
Read Range	Max. 12meters by Metal surface reading
Data retention	10years
Programming Cycles	100,000 cycles
Anti-collision	Support multiple tags reading

Physical Parameter

Size	80*25*1.26mm / 3.15*0.98*0.05inch
Substrate Material	Transparent Release Film
Antenna Material	Al(9μm) + PET(50μm) Etched Alumium (9μm) + PET (50μm)
Interlayer Material	Ferrite Anti-meta
Surface Material	PET Waterproof (Thermal or Transfer Optional)
ESD Voltage Immunity	Max. 2000V (HBM)
Installation	Self adhesive
Operating Temperature	-40°C ~ +85°C
Operating Humidity	20% ~ 90%RH, Non-condensing
Package	500pcs/roll
Remark	When it pastes on curving objects, the read range will be shorted by half.
Roll Diameter	Inner size: 3 inches (76.2 mm)/Outer size: 8 inches (203 mm)

Structure



Application

- NFC posters, NFC device data connection and data transmission
- Mobile payment, Mobile wallet
- Product identification, personnel identification management
- E-ticketing, Loyalty System, Marketing and Advertisements

