

# Transponder ON METAL

## Square TAG

### PART ID:

**2057-01-324-00**

RAIN RFID PID 2057 (powered by NXP UCode 8 technology) can fit into small space while providing superior reading performance when compared to other tag in terms of size. It helps realize applications where other metal tags see a challenge. Built with TECTUS unique antenna design, this tag can avoid the interference caused by a dense metal environment as well.

### Main Specifications

Material	Nylon Polymer
Operating Temperature	-40°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE, Rain RFID
Key Features	ON-Metal Use, Rough Environment, High Durability
Options	Laser Engraving



### Chip Specification (Chip 324)

Chip	NXP - UCODE 8
Frequency	860~960MHz ( UHF )
Memory	TID 96 Bit; EPC 128 Bit
Norm	ISO 18000-6C / EPC Gen2 V2

### Full Specifications

Product ID	2057
On Metal Use	yes
Material	Nylon Polymer
Shape	Overmolded
Long Description	RAIN RFID PID 2057 (powered by NXP UCode 8 technology) can fit into small space while providing superior reading performance when compared to other tag in terms of size. It helps realize applications where other metal tags see a challenge. Built with TECTUS unique antenna design, this tag can avoid the interference caused by a dense metal environment as well.
Key Features	ON-Metal Use, Rough Environment, High Durability
Options	Laser Engraving
Article Type	Square TAG
Color	Black

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Where application information is given, it is only advisory and does not form part of the specification.

Length [mm]	50
Width [mm]	25
Thickness [mm]	6
Operating Temp °C (min)	-40
Operating Temp °C (max)	85
Storage Temp °C (min)	-40
Storage Temp °C (max)	120
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Glue
Compliance	RoHs & Reach, CE, Rain RFID

## VARIANTS AND ICS

ID	Variant	Band	Type	ISO
2057-01-324-00	Black	UHF	UCODE 8	ISO 18000-6C / EPC Gen2 V2