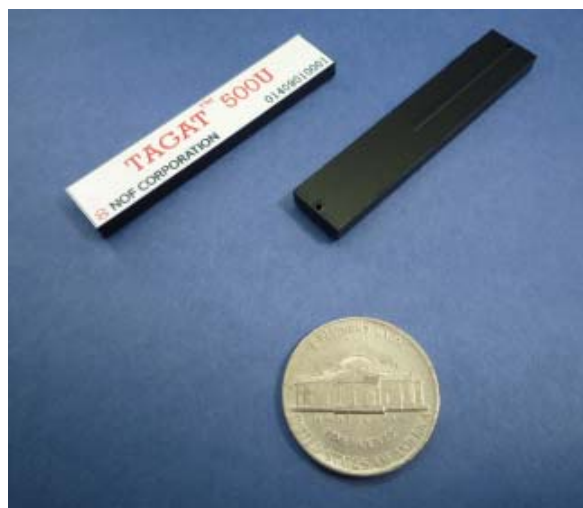


# UHF RFID Metal Mount Tag

TAGAT<sup>®</sup> 500 series



## *Main Features*

**Small, Thin and Light**, yet...

- **Long and stable read performance**, competitive against bigger size tags
- **Highly reliable** with **embedded chip**
- **Good material tolerance**
- **Low loss material** contributes to shrink tags, keeping good read performance

 **NOF CORPORATION**

YEBISU GARDEN PLACE TOWER  
20-3, EBISU 4-CHOME,  
SHIBUYA-KU, TOKYO, JAPAN  
TEL : +81-3-5795-3820  
URL : <http://www.nof.co.jp>

**Marubeni  
Chemix Corp**

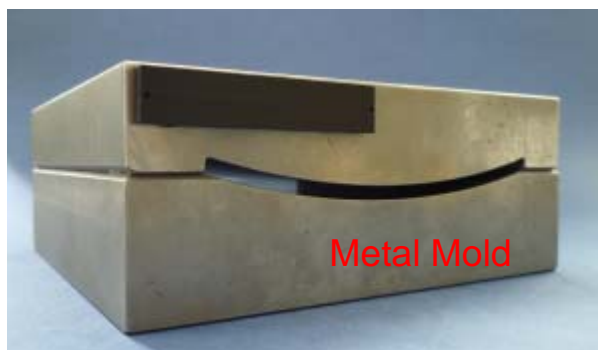
MARUBENI BLDG. 10TH FLOOR  
4-2, OHEMACHI 1-CHOME,  
CHIYODA-KU, TOKYO, JAPAN  
TEL : +81-3-3282-2491  
URL : <http://www.marubenchemix.co.jp>

## Specification

	TAGAT <sup>®</sup> 500 series		
Product name	TAGAT <sup>®</sup> 500J (JP)	TAGAT <sup>®</sup> 500E (EU)	TAGAT <sup>®</sup> 500U (US)
Possible Application	Asset tracking		
Power supply	Passive		
Frequency	952 - 954MHz	865 - 868MHz	902 - 928MHz
Read range *	2 m	3 m	3 m
Dimension	50 mm × 10 mm × 3 mm		
Weight	1.8 g		
Air interface protocol	EPC C1Gen2		
IC	NXP UCODE G2XM		
Memory size	512 bit (user area)		
IP classification	IP 68 equivalent		
Ambient temperature	- 40°C to + 85°C		
Substrate	NOF special low dielectric loss material		

\* Read range is measured on the metal by circular-polarized antenna under non-reflection environment.

## Application



TAGAT is registered trademark of NOF CORPORATION in JAPAN

 **NOF CORPORATION**

YEBISU GARDEN PLACE TOWER  
20-3, EBISU 4-CHOME,  
SHIBUYA-KU, TOKYO, JAPAN  
TEL : +81-3-5795-3820  
URL : <http://www.nof.co.jp>

**Marubeni  
Chemix Corp**

MARUBENI BLDG. 10TH FLOOR  
4-2, OHTEMACHI 1-CHOME,  
CHIYODA-KU, TOKYO, JAPAN  
TEL : +81-3-3282-2491  
URL : <http://www.marubenichemix.co.jp>