



HT084 is a 'Seal tag' – as it is typically used – made of nylon 66 (PA66), a plastic material resistant to impacts, wear and weather.

With its excellent abrasion resistance, flexibility and compactness, it is therefore ideal where **durable, secure and fast application of cable tie tags are required for non-metal surfaces.**

It measures 348 mm x 28 mm x 4 mm, weighs 6 grams and is **available in three frequencies: LF, HF, UHF.** Black or green, it can be

customised with a logo using silkscreen printing, while numbering is applied using laser technology.

MARKETS

Compliant with **IP67**, it is dustproof and water resistant. It can also be submerged in water up to a depth of one metre for 24 hours. HT084 is a hard tag that can be applied to **identify parts or monitor asset management, logistics, manufacturing and general industrial activities, such as**

supply-chain management or automotive production.



frequency 125 kHz

RFID features

Chip	Memory	ISO Standard
EM4100 or GK4100	0 bytes - UID: 8 bytes	-
EM4102	0 bytes - UID: 8 bytes	-
EM4200	0 bytes - UID: 8 bytes	ISO 11784 / 11785
EM4550 or TITAN	128 bytes - UID: 8 bytes	ISO 11784 / 11785
EM4305	64 bytes - UID: 4 bytes	ISO 11784 / 11785
ATA5577 or T5567	36 bytes - UID: 8 bytes	ISO 11784 / 11785
Q5 or 5555	33 bytes - UID: 8 bytes	ISO 11784 / 11785
HITAG1	256 bytes	-
HITAG2	32 bytes	ISO 11784 / 11785
HITAG S 2048	256 bytes - UID: 4 bytes	ISO 11784 / 11785
HITAG S 256	32 bytes - UID: 4 bytes	ISO 11784 / 11785
SIC279	16/24 bytes	ISO 11784 / 11785
S5777	28 bytes - UID: 8 bytes	ISO 15693



frequency 13.56 MHz

RFID features

Chip	Memory	ISO Standard	NFC Standard
RF81	1024 bytes - UID: 4 bytes	ISO 14443 A	Not supported by majority of NFC devices
FM11RF08	1024 bytes - UID: 4 bytes	ISO 14443 A	Not supported by majority of NFC devices
RF005	64 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
RF32	4096 bytes - UID: 4 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE CLASSIC 1K EV1 S50	1024 bytes - UID: 4 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE CLASSIC 1K EV1 S50 7 BYTES	1024 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE CLASSIC 4K EV1 S70	4096 bytes - UID: 4 bytes	ISO 14443 A	Type 2 - tag compliant
MIFARE ULTRALIGHT EV1-1	48 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
MIFARE ULTRALIGHT EV1-2	128 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
MIFARE ULTRALIGHT C	144 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
MIFARE DESFIRE EV1 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV1 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV1 8K	8192 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV2 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV2 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV2 8K	8192 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV3 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant

MIFARE DESFIRE EV3 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE EV3 8K	8192 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE DESFIRE LIGHT	640 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
MIFARE PLUS SE	1024 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS X 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS X 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS EV2 2K	2048 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIFARE PLUS EV2 4K	4096 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
ATC1024-MV110	944 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices
ATC256-MV410	224 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices
ATC4096-MP311	4096 bytes - UID: 7 bytes	ISO 14443 A	Not supported by majority of NFC devices
CTC4096-MP410	2984 bytes (advant) / 1002 bytes (prime) - UID: 4/7 bytes	ISO 14443 A	Not supported by majority of NFC devices
CTC4096-MM410	2984 bytes (advant) / 1002 bytes (prime) - UID: 4/7 bytes	ISO 15693 - ISO 14443 A	Not supported by majority of NFC devices
EM4233	256 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices
ICODE SLI-S	256 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ICODE SLIX	128 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ICODE SLIX2	316 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices
ICODE SLIX-S	160 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ICODE DNA	252 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
MIM1024/PRIME	1024 bytes	ISO 14443 A	Not supported by majority of NFC devices
MIM256/PRIME	256 bytes	ISO 14443 A	Not supported by majority of NFC devices
NTAG210	48 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG212	128 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG213	144 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG215	504 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG216	888 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG213 TT (TAG TAMPER)	144 bytes - UID: 7 bytes	ISO 14443 A	Type 2 - tag compliant
NTAG413 DNA	32/128 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
NTAG424 DNA	416 bytes - UID: 7 bytes	ISO 14443 A	Type 4 - tag compliant
ST25TV02K	250 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
ST25TB512	64 bytes - UID: 8 bytes	ISO 14443 B	Type 4 - tag compliant
ST25TB04K	512 bytes - UID: 8 bytes	ISO 14443 B	Type 4 - tag compliant

ST25TB02K	256 bytes - UID: 8 bytes	ISO 14443 B	Type 4 - tag compliant
TAG-IT 256	32 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
TAG-IT 2K	256 bytes - UID: 8 bytes	ISO 15693	Type 5 - tag compliant
MB89R118	2000 bytes - UID: 8 bytes	ISO 15693	Not supported by majority of NFC devices



European frequency (EU) 868 MHz - US frequency 920 MHz

RFID features

Chip	Memory	ISO Standard
HIGGS 3	64 bytes - TID: 8 bytes - EPC: 60 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 3 US	64 bytes - TID: 8 bytes - EPC: 60 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 4	16 bytes - TID: 8 bytes - EPC: 16 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 4 US	16 bytes - TID: 8 bytes - EPC: 16 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 9	86 bytes - TID: 6 bytes - EPC: 62 bytes	ISO 18000-6C / EPC Class 1 Gen 2
UCODE 7	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 7 US	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8 US	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8 M	4 bytes - TID: 12 bytes - EPC: 12 bytes	EPC Class 1 Gen 2
UCODE 9	0 bytes - TID: 12 bytes - EPC: 12 bytes	EPC Gen 2 V2
UCODE G2IL	0 bytes - TID: 8 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE G2IM	80 bytes - TID: 12 bytes - EPC: 32 bytes	EPC Class 1 Gen 2
UCODE DNA	3072 bytes - TID: 12 bytes - EPC: 56 bytes	ISO 29167-10 / EPC Gen 2 V2
UCODE CITY	128 bytes - TID: 12 bytes - EPC: 28 bytes	ISO 29167-10 / EPC Gen 2 V2
UCODE TRACK	32 bytes - TID: 12 bytes - EPC: 56 bytes	ISO 29167-10 / EPC Gen 2 V2
MONZA R5	0 bytes - TID: 16 bytes - EPC: 16 bytes	ISO 18000-6C / EPC Gen 2
MONZA R6	0 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6 US	0 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6A	0 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6B	0 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6P	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6P US	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA 4D	4 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA 4D US	4 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA 4E	16 bytes - TID: 12 bytes - EPC: 62 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA 4QT	64 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA M730	0 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA M750	4 bytes - TID: 12 bytes - EPC: 12 bytes	ISO 18000-63 / EPC Gen 2 V2
KX2005XG-B	164 bytes - UID: 24 bytes - EPC: 30 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS-EC	16 bytes - UID: 6 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V1. 2.0
HIGGS-EC US	16 bytes - UID: 6 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V1. 2.0



European frequency (EU) 13.56 MHz + 868 MHz / US frequency 13.56 MHz + 920 MHz

RFID features

Chip	Memory	ISO Standard	NFC Standard
EM4423	256 bytes - UID/TID: 8 bytes (HF) + 12 bytes (UHF) - EPC: 60 bytes (UHF)	ISO 15693 + ISO 18000-63 / EPC Gen2 V2	Type 5 - tag compliant
EM4423 US	256 bytes - UID/TID: 8 bytes (HF) + 12 bytes (UHF) - EPC: 60 bytes (UHF)	ISO 15693 + ISO 18000-63 / EPC Gen2 V2	Type 5 - tag compliant
MONZA R6P + ICODE SLIX2	8 bytes (UHF) + 316 bytes (HF) - UID/TID: 12 bytes (UHF) + 8 bytes (HF) - EPC: 16 bytes (UHF)	ISO 18000-63 / EPC Gen 2 V2 + ISO 15693	Not supported by majority of NFC devices



frequency 125 kHz + 13.56 MHz

RFID features

Chip	Memory	ISO Standard	NFC Standard
MIFARE CLASSIC 1K EV1 S50 + EM4100	1024 bytes (HF) + 0 bytes (LF) - UID: 4/7 bytes (HF) + 8 bytes (LF)	ISO 14443 A	Not supported by majority of NFC devices
MIFARE CLASSIC 1K EV1 S50 + EM4200	1024 bytes (HF) + 0 bytes (LF) - UID: 4/7 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Not supported by majority of NFC devices
MIFARE CLASSIC 4K EV1 S70 + EM4200	4096 bytes (HF) + 0 bytes (LF) - UID: 4 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Type 2 - tag compliant
MIFARE CLASSIC 1K EV1 S50 + T5567	1024 bytes (HF) + 36 bytes (LF) - UID: 4/7 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Not supported by majority of NFC devices
MIFARE CLASSIC 4K EV1 S70 + T5567	4096 bytes (HF) + 36 bytes (LF) - UID: 4 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Type 2 - tag compliant
MIFARE CLASSIC 1K EV1 S50 + 5555	1024 bytes (HF) + 33 bytes (LF) - UID: 4/7 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Not supported by majority of NFC devices
MIFARE CLASSIC 4K EV1 S70 + 5555	4096 bytes (HF) + 33 bytes (LF) - UID: 4 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Type 2 - tag compliant
RF81 + EM4200	1024 bytes (HF) + 0 bytes (LF) - UID: 4 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Not supported by majority of NFC devices
RF81 + T5567	1024 bytes (HF) + 36 bytes (LF) - UID: 4 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Not supported by majority of NFC devices
RF81 + 5555	1024 bytes (HF) + 33 bytes (LF) - UID: 4 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Not supported by majority of NFC devices
MIFARE DESFIRE 4K EV3 + EM4200	4096 bytes (HF) + 0 bytes (LF) - UID: 7 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Type 4 - tag compliant
MIFARE DESFIRE 8K EV3 + EM4200	8192 bytes (HF) + 0 bytes (LF) - UID: 7 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Type 4 - tag compliant
MIFARE DESFIRE 4K EV3 + ATA5577	4096 bytes (HF) + 36 bytes (LF) - UID: 7 bytes (HF) + 8 bytes (LF)	ISO 14443 A + ISO 11784 / 11785	Type 4 - tag compliant

Technical specifications

Application	Non-metal surfaces
IP rating	67
Dimensions	348 x 28 x 4 mm
Material	PA66
Weight	6 g
Application method	Seal tag
Operation and storage temperature	-35°C - +75°C

Customisation

Colours	Black, green; other colours available on request
Type of printing	Silkscreen printing
Type of numbering	Laser technology

