



## Ro'Tag M HF

Former reference : Rotag D15 HF

The Ro'Tag M HF was originally designed for traceability applications in industrial laundries.

Thanks to its injected thermoplastic packaging (Poly Phenylene Sulfide), it is also used in industrial environments. Indeed, it is resistant to high mechanical stress (shocks and vibrations), chemicals, high temperatures and pressures.

It is compatible with metal surfaces with a specific reinforced adhesive.

As standard, the Ro'Tag M HF includes NXP I-Code SLI chip.

### Key features

- 13,56 MHz
- Resistance to water, cleaning products, vibrations
- 1K bit memory

### Applications

Identification and traceability in manufacturing, transportation, handling, maintenance, equipment, safety ...

## Functional specifications

Type	HF
Frequency	13,56 MHz
Air interface protocol	ISO 15693 / 18000-3
IC Type	NXP I-Cide SLi 1 Kbits – Available with 512 bits
Memory	1K-bit
Data retention	10 years
Write Cycles	100 000
Functionalities	Read/write
Read range	On metal: 0-2cm, off metal: 0-4cm

## Physical specifications

Dimensions / Weight	Diameter 15 x 2,4 mm
Tag Material	PPS
Applicable surface	On/off metal
Fixing method	Glue or optional adhesive (for metal compatibility)
Color	Ivory

## Environmental and industry compliance

Protection grade	IP68
Environmental resistance	Chemical: HCL 10%, formic acid, bleach, gasoline, caustic solids
Temperature scale	-25°C to 110°C _ +160°C(30 h) - _ +220°C(30s)

V2.0

Non-contractual datasheet