



The Biofore Company **UPM**



The RFID product range from UPM HF & NFC tags and inlays

Typical end-use areas:

- Library and Media Management
- Pharmaceuticals and Healthcare
- Item Authentication
- Industrial
- Ticketing

UPM RFID presents its HF & NFC product line of RFID tags and inlays designed for the global market. With a wide selection of antenna choices and protocols, UPM's HF & NFC tags and inlays offer great application flexibility and fit-for-function design in the most demanding applications.

HF & NFC 13.56 MHz ISO-compliant RFID technology is a proven, globally accepted solution for a vast array of markets. The technology is a perfect fit for item-level authentication and asset tracking solutions in healthcare, pharmaceutical and medical applications. Popular industry applications consist of library and rental item-level tagging for automated self checkout and return of printed and digital media, industrial closed loop systems for manufacturing automation, and utilisation of RFID as personal currency in ticketing and customer loyalty card applications.



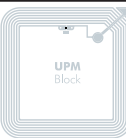
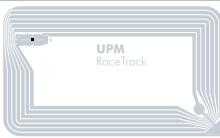


HF & NFC RFID technology offers proven robust performance with short-to-medium read ranges even when used around difficult materials such as liquids and metals.

Pro RFID. Join the global #1.

www.upmrfid.com

UPM RFID

UPM RFID HF and NFC Tag & Inlay Offering

	Product Name	Frequency	Protocol	Memory (Standard/Optional)	Antenna & Die-cut Size
	MiniBlock™	13.56 MHz	ISO 15693, 18000-3 Mode 1 ISO 14443 A / NFC	1024 bit / 2k bit 512 bit / 8k bit	15 x 15 mm / 0.6 x 0.6" 18 x 18 mm / 0.7 x 0.7"
	MiniTrack™	13.56 MHz	ISO 15693, 18000-3 Mode 1 ISO 14443 A / NFC	1024 bit / 2k bit 512 bit / 16k bit	14 x 31 mm / 0.6 x 1.2" 18 x 36 mm / 0.7 x 1.4"
	Block™	13.56 MHz	ISO 15693, 18000-3 Mode 1 ISO 14443 A	1024 bit / 2k bit 512 bit / 8k bit	47 x 47 mm / 1.9 x 1.9" 50 x 50 mm / 2.0 x 2.0"
	RaceTrack™	13.56 MHz	ISO 15693, 18000-3 Mode 1 ISO 14443 A / NFC	1024 bit / 2k bit 512 bit / 8k bit	45 x 76 mm / 1.8 x 3.0" 49 x 81 mm / 1.9 x 3.2"
	BullsEye™	13.56 MHz	ISO 15693, 18000-3 Mode 1 ISO 14443 A / NFC	1024 bit / 2k bit 512 bit / 16k bit	35 mm / 1.4" 40 mm / 1.6"
	StingRay™	13.56 MHz	ISO 15693, 18000-3 Mode 1	1024 bit	113 mm / 4.5" 116 mm / 4.6"

Note: Pictures are for illustration only and are not to scale.



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RoHS