

## UPM Raflatac Web<sup>x</sup>

### Protocol

EPC Class 1 Gen 2

### Operating frequency

Global 860–960 MHz

### Antenna size

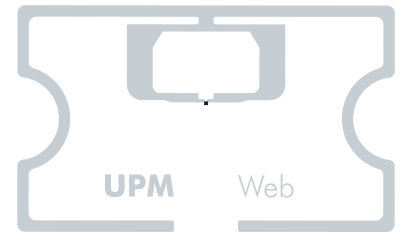
30 x 50 mm /

1.1 x 2.0 inch

### Web<sup>x</sup> key features

- The industry approved global Web<sup>x</sup> is a perfect match for apparel and footwear item-level applications.
- Orientation insensitive, excellent close coupling performance.
- Optimized read distance for the whole supply chain and point-of-sale (POS).
- Low energy consumption, ideal for handheld readers.
- User memory size up to 512 bit.
- 64 bit tag identifier (TID) including 32 bit unique serial number.

# UPM Raflatac Web<sup>x</sup>



RoHS



## Antenna dimensions

Antenna size	30 x 50 mm / 1.12 x 1.97"
Die-cut size	34 x 54 mm / 1.34 x 2.13"
Web width	40 mm / 1.57"

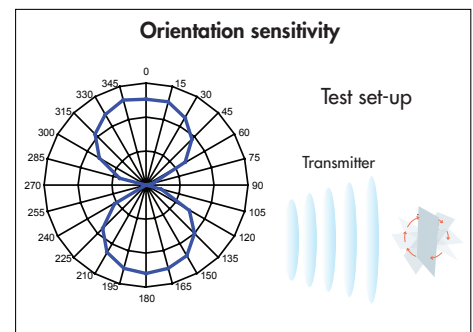
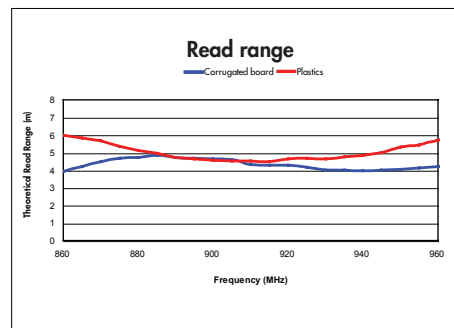
## Electrical specifications

IC	NXP U-Code G2XL/G2XM
EPC memory	up to 240 bit
User memory	up to 512 bit
Operating frequency	860–960 MHz

## Delivery formats

Available formats	Dry, wet, tag
Adhesive – temperature	Solvent-free permanent adhesive min. -10 °C to 120 °C min. 14 °F to 248 °F
Quality	100% performance tested

All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level.



UPM Raflatac uses three different test methods to evaluate the reliability of the RFID inlay and tag products it produces. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test.

## Disclaimer

UPM Raflatac reserves the right to change its products and services at any time without notice. Our recommendations are based on our latest knowledge and experience. As our products are used in circumstances beyond our control, we cannot be held liable for any damage caused through their use.

