

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

### **Protocol**

EPC Class 1 Gen 2  
ISO 18000-6C

### **Operating frequency**

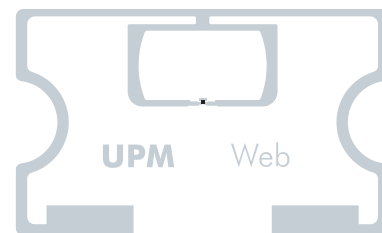
Global 860–960 MHz

### **Antenna size**

30 x 49 mm /  
1.2 x 1.9 inch

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

- Optimized size and shape for hang tags in apparel applications
- Great material for low cost apparel hang tags and care labels
- Improved design of the already established Web products from UPM
- Excellent performance even when stacked in close proximity
- Great performance with high detuning materials
- Unique TID



**EPCglobal** 

**RoHS**



## Antenna dimensions

Antenna size	30 x 49 mm / 1.18 x 1.93"
Die-cut size	34 x 54 mm / 1.34 x 2.13"
Web width	40 mm / 1.58"

## Electrical specifications

IC	NXP U-Code G2iL
EPC memory	128 bit
Operating frequency	860-960 MHz

## General characteristics of inlay

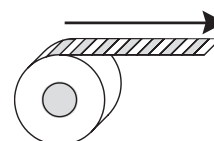
Operating temperature	-40 °C to 85 °C -40 °F to 185 °F
Bending diameter (D)	> 50 mm tension max. 10 N
Static pressure (P)	<10 MPa

## Delivery formats

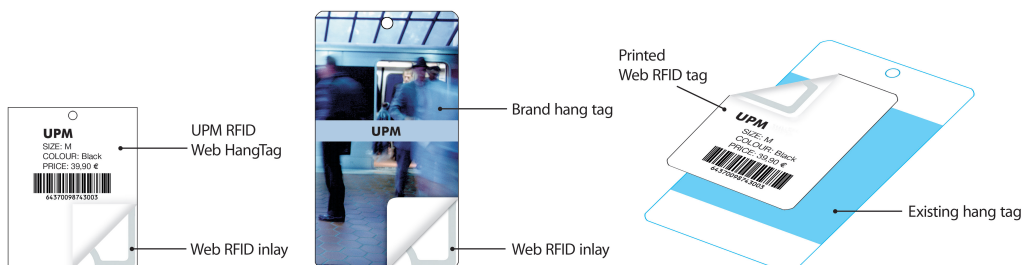
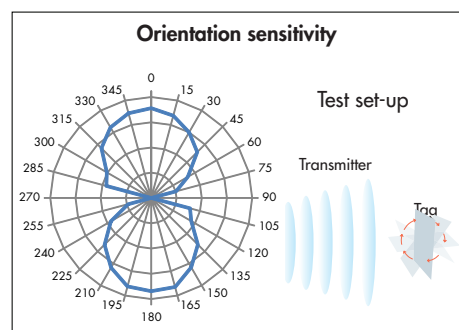
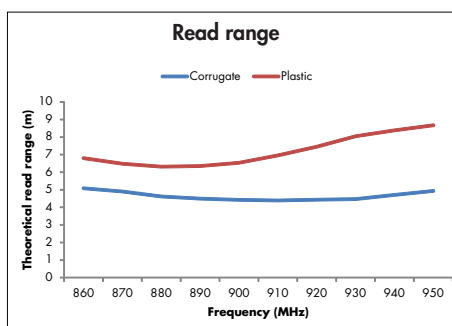
Available formats	Dry, wet, tag
Adhesive - temperature	Solvent-free permanent adhesive min. -20 °C to 80 °C min. -4 °F to 176 °F
Quality	100% performance tested

## Reel details

Standard reel size	2,000 dry inlays, wet inlays, tags
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Inner core diameter 76 mm / 3 inch



UPM RFID 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 RFID 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.

