

MINIWEB

Ideal for Small Apparel Labels

Smartrac's MINIWEB inlays and tags are designed for global retail, industry and supply-chain applications, offering excellent performance on difficult-to-tag or low-detuning materials such as cardboard and plastic, and in other demanding, close-coupling environments.

MINIWEB inlays and tags have a compact size 45×18 mm, which can be easily converted into end-application usage, and are available in dry, wet and paper tag delivery formats. MINIWEB equipped with NXP UCODE 8 offers same memory size and typical IC features as NXP UCODE 7. Furthermore, it offers a Self Adjust feature to maximize product performance in challenging environments and has an improved read and write sensitivity and faster encoding speed compared to NXP UCODE 7. Furthermore, the chip has an integrated Brand Identifier function to prove product authenticity and a memory safeguard system to protect business data.

MINIWEB with the NXP UCODE 8 IC, used in retail applications, is one of the smallest inlays currently available on the market that has passed ARC categories A, B, C, D, F, G, M, N and Q requirements by the RFID Research Center of the University of Auburn for FCC retail performances. Furthermore, it meets GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gradings M10B, S15B and M15B, S15B for the retail supply chain, retailers and suppliers.

Smartrac's inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment.

Overview

Operating Frequency

860 - 960 MHz

Integrated Circuit (IC)

NXP UCODE 8

Dimension

42×16 mm (1.7 \times 0.6 in)

Die - cut Size

45×18 mm (1.8 \times 0.7 in)

International Standards

- ▶ EPC Class 1 Gen 2
- ISO 18000-6C

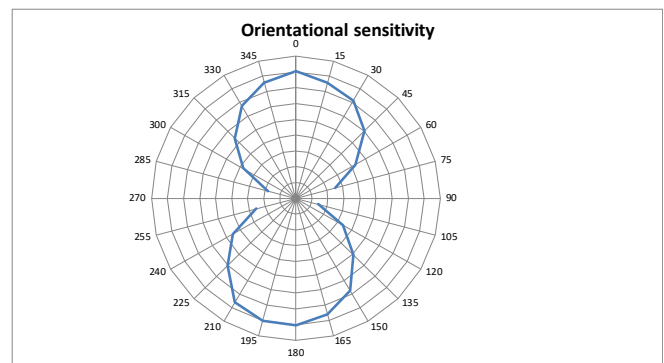
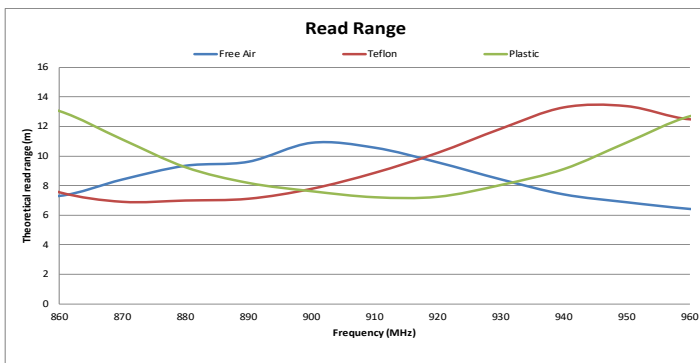
Application Areas

- ▶ Brand Protection
- ▶ Industrial Applications
- ▶ Retail Applications
- ▶ Supply Chain & Asset Management

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Technical Features				
IC + Memory NXP UCODE 8 128 bit EPC	Size	Format	Sales Code	Reel Size
	42 × 16 mm / 1.7 × 0.6 in	Inlay	3007033	10,000
	45 × 18 mm / 1.8 × 0.7 in	Wet	3007034	10,000
	45 × 18 mm / 1.8 × 0.7 in	Paper Tag	3007035	5,000
Web Width	48 mm / 1.89 in			
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F			
Adhesive	Acrylic, water borne adhesive			
Operating Temperature	-40°C to +85°C			
Core Size	76 mm / 3 in			
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing			



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