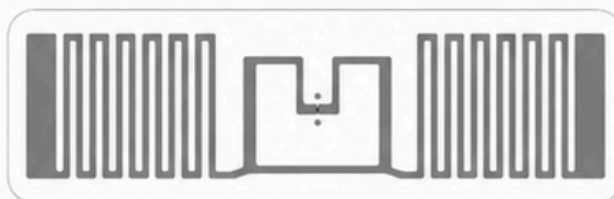


SMALL WHITE WET PET UHF INLAY 44 × 18 MM

Compact. Flexible. High-Performance.

Reliable UHF identification for non-metal surfaces.

The Small White Wet PET UHF Inlay is a thin, flexible passive RFID label designed for efficient inventory and asset identification. Its NXP UCODE 8 chip, strong adhesive and compact format make it suitable for a wide range of non-metal applications.



GLOBAL UHF



NXP
UCODE 8



UP TO 9.7 M
RANGE



STRONG
ADHESIVE



FLEXIBLE
PET

KEY FEATURES

- ✓ UHF 860–960 MHz global frequency
- ✓ NXP UCODE 8 chipset
- ✓ ISO 18000-6C / EPC Class 1 Gen2
- ✓ Up to 9.7 m fixed-reader range
- ✓ EPC 128-bit read/write memory
- ✓ TID 96-bit read-only memory
- ✓ Compact white wet inlay
- ✓ Flexible PET antenna substrate
- ✓ Aluminium antenna
- ✓ Coated-paper face
- ✓ Strong adhesive for non-metal surfaces
- ✓ 100,000 write cycles

SPECIFICATIONS

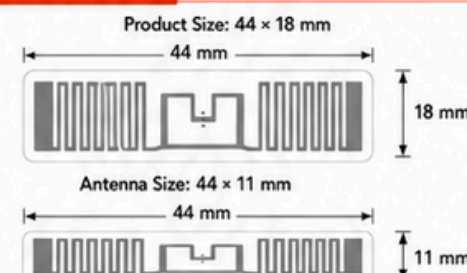
Product Name	Small White Wet PET UHF Inlay
Model	C44U White Wet
Frequency	860–960 MHz
Protocol	EPCglobal Class 1 Gen2 / ISO 18000-6C
Chip	NXP UCODE 8
Memory	EPC 128 bits, TID 96 bits
Password Memory	32-bit kill + 32-bit access
Write Endurance	100,000 cycles
Data Retention	10 years
Surface	Non-metal
Antenna Substrate	PET
Antenna Material	Aluminium
Face Material	Coated paper
Liner	Glassine
Product Size	44 × 18 mm
Antenna Size	44 × 11 mm
Read Range	Up to 9.7 m with fixed reader at 36 dBm EIRP
Operating Temperature	–40°C to +85°C
Storage Temperature	–20°C to +50°C
Storage Humidity	20%–90% RH
Shelf Life	2 years under recommended sealed storage

*Read range depends on reader, antenna and environment.

CHIP & MEMORY

PARAMETER	DETAIL
Chipset	NXP UCODE 8
Manufacturer	NXP
EPC	128 bits R/W
TID	96 bits read-only
Write cycles	100,000
Data retention	10 years

DIMENSIONS



PRINTING & ENCODING

- Full-colour or black printing
 - Logo / QR code / barcode
 - Variable and sequential numbering
 - EPC encoding
- Available on request, not included by default.

APPLICATIONS

- INVENTORY MANAGEMENT
- ASSET TRACKING
- LOGISTICS & SUPPLY CHAIN
- RETAIL LABELLING
- DOCUMENT TRACKING
- GENERAL IDENTIFICATION

MOUNTING & FORMAT

- Strong adhesive
- Apply to clean non-metal surfaces
- White wet inlay format

Not designed for direct application to metal.

RECOMMENDED READER ★



**Chainway C72
UHF Android 13
Mobile Scanner**

- ✓ Up to 10 m read range
- ✓ Android 13 OS
- ✓ 5.2-inch display
- ✓ UHF RFID 860–960 MHz
- ✓ Wi-Fi, Bluetooth, 4G, GPS

WHAT'S IN THE BOX



- Small White Wet PET UHF Inlays
- Quantity as ordered
- ✓ Bulk packed securely

Reader not included.
Available separately.