



SQUIGLETTE UHF PET WHITE WET INLAY

73 x 12.7mm

High-performance UHF RFID white wet inlay with high-strength adhesive backing for reliable long-range identification. Built on the proven Alien Squiglette design with the high-performance Alien Higgs-10 chip, it delivers excellent read accuracy and long-range performance for asset tracking, inventory management, logistics operations, and supply chain automation.



ALN-10030



LONG RANGE
READING



STRONG
ADHESIVE



PRINTABLE
SURFACE



DURABLE
PET MATERIAL

PRODUCT SPECIFICATIONS

Product Type	UHF RFID White Wet Inlay
Model	ALN-10030
Dimensions	73 x 12.7 mm
Face Material	White PET
Inlay Type	Wet Inlay with Adhesive
RFID Frequency	UHF 860 – 960 MHz
RFID Standard	EPC Class 1 Gen 2 / ISO 18000-6C
Antenna Material	Aluminum Etched Antenna
Chip Type	Alien Higgs-10
Read Range	Up to 11 meters (Environment dependent)
Adhesive Type	Permanent / High Strength Adhesive
Print Compatibility	Thermal Transfer Printable
Surface Compatibility	Plastic, Cardboard, Glass, Packaging Materials
Operating Temperature	-40°C to +70°C
Storage Temperature	-40°C to +85°C
Mounting Method	Peel-and-Stick Adhesive
Application Type	Non-Metal Applications
Colour	White
Construction	PET Substrate + RFID Chip + Antenna + Adhesive Backing

KEY FEATURES

- ✓ Long-range UHF RFID performance up to 11 meters
- ✓ Powered by the high-performance Alien Higgs-10 IC
- ✓ Proven Alien Squiglette antenna design for accurate and consistent performance
- ✓ Durable PET construction for industrial environments
- ✓ High-strength adhesive for secure attachment
- ✓ Fast multi-tag reading capability
- ✓ Lightweight and ultra-thin label format
- ✓ Suitable for high-volume automated identification systems
- ✓ Printable white surface for barcodes and variable information
- ✓ Excellent performance across global UHF frequency bands

TYPICAL APPLICATIONS



RETAIL

- Inventory control
- Smart shelving
- Item-level tracking
- Loss prevention



ASSET MANAGEMENT

- Equipment tracking
- Tool identification
- Returnable asset management
- Asset lifecycle monitoring



LOGISTICS & WAREHOUSING

- Carton identification
- Shipment verification
- Pallet tracking
- Distribution centre operations



HEALTHCARE

- Medical equipment tracking
- Consumable management
- Pharmaceutical identification
- Inventory visibility



MANUFACTURING

- Work-in-progress tracking
- Production automation
- Process monitoring
- Component identification



SUPPLY CHAIN

- End-to-end visibility
- Warehouse automation
- Distribution management
- Logistics optimisation

ENVIRONMENTAL & PERFORMANCE

Moisture Resistance	Good
Flexibility	High
Chemical Resistance	Moderate
UV Resistance	Moderate
Indoor Use	Recommended
Outdoor Use	Limited / Protected Conditions
Metal Surface Compatibility	Not Recommended Without Spacer

RECOMMENDED READER CHAINWAY C72

5.2" UHF ANDROID 13 MOBILE SCANNER

High-performance UHF RFID mobile computer with Android 13, powerful octa-core processor and long-range reading capability. Ideal for inventory management, asset tracking, logistics and field operations.



UHF RFID
(Up to 20m*)



Android 13
OS



5.2" HD
Touch Screen



IP65
Rugged Design



Long-lasting
Battery



COMPLIANCE



EPCglobal
Gen2 Compliant



ISO 18000-6C
Compliant



RoHS
Compliant

RECOMMENDED STORAGE

- Store in cool, dry conditions
- Avoid direct sunlight exposure
- Recommended humidity: 40%–60% RH
- Keep sealed in original packaging until use



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