



## Alien® Higgs® 3 UHF RFID Label

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|               |                                        |
|---------------|----------------------------------------|
| SKU:          | RS-H3-PP-7424                          |
| Chip Type:    | Alien® Higgs® 3                        |
| Frequency:    | UHF 860-960MHz                         |
| EPC Memory:   | 96-480 bits                            |
| User Memory:  | 512 bits                               |
| Read Range:   | Up to 10 m                             |
| Protocol:     | ISO/IEC 18000-63,<br>EPC Class 1 Gen 2 |
| Industry:     | Retail, Logistics                      |
| Applications: | Asset Tracking, Inventory, Warehouse   |



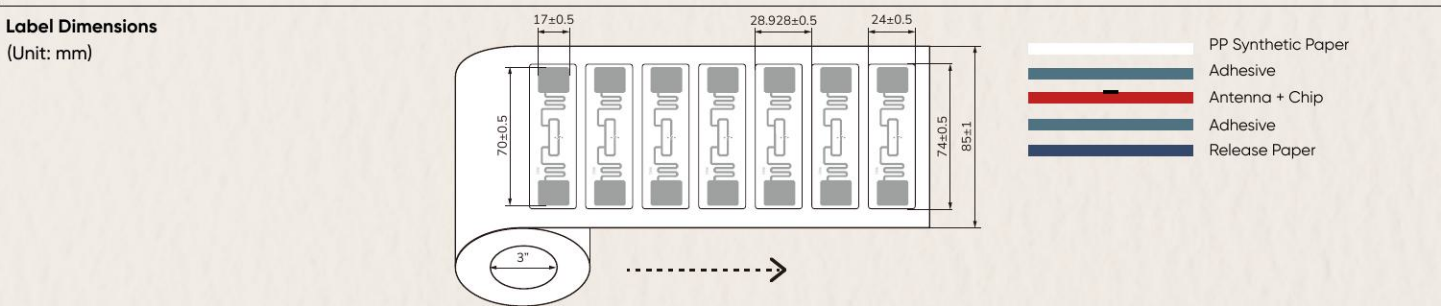
Enhance tracking systems with premium 74×24 mm UHF RFID Label, powered by the industry-leading Alien® Higgs® 3 chip. This advanced chip offers high read sensitivity and a fast data transfer rate, ensuring seamless tracking performance even in the most demanding environments.

Designed for optimized EPC data integrity, the Higgs® 3 chip, coupled with ISO/IEC 18000-63, EPC Class 1 Gen 2 compliance, sets the gold standard for RFID technology. Perfect for data-centric applications in logistics, retail, and asset management, this label is the ideal choice for those who demand top-tier RFID capabilities.

|                      |                       |                                                                                                                             |
|----------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Physical Information | Material              | PP Synthetic Paper                                                                                                          |
|                      | Label Size            | 74×24 mm                                                                                                                    |
|                      | Antenna Size          | 70×17 mm                                                                                                                    |
|                      | Operating Environment | -20°C~+50°C, 20%~80% RH                                                                                                     |
|                      | Storage Environment   | +18°C~+28°C, 40%~60% RH                                                                                                     |
|                      | Mounting Method       | Stick                                                                                                                       |
|                      | Surface               | Paper Carton, Plastic, Wood                                                                                                 |
|                      | Handling Precautions  | 1. Do not bend.<br>2. Keep away from water and collision.<br>3. Labels with black ink dot are for bad products, do not use. |

|                       |                        |                                                |
|-----------------------|------------------------|------------------------------------------------|
| Technical Information | Operating Frequency    | 860~960 MHz                                    |
|                       | Communication Protocol | ISO/IEC 18000-63, EPC Class 1 Gen 2            |
|                       | TID                    | 64 bits                                        |
|                       | Operating Mode         | Passive                                        |
|                       | Chip Type              | Alien® Higgs® 3                                |
|                       | User Memory            | 512 bits                                       |
|                       | EPC Memory             | 96~480 bits                                    |
|                       | Security Features      | Access password: 32 bits,<br>Password: 32 bits |

|                     |                  |                                             |
|---------------------|------------------|---------------------------------------------|
| Packing Information | Packing Format   | Packed in roll, vacuumed packing in ESD bag |
|                     | Roll OD          | Max. 203 mm                                 |
|                     | Core ID          | 3 inch(76.20 ± 0.50 mm)                     |
|                     | Packing Quantity | 1000 Pcs/roll, or as per request            |
|                     | Packing Weight   | 0.68 kg/roll                                |



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
 ● **Product Updates and Revisions:** rfidbridge.com may change products, specs, or services at any time without prior notice.
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