



## Impinj® Monza® R6-P UHF RFID Label

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|               |                                        |
|---------------|----------------------------------------|
| SKU:          | RS-R6P-PP-3221                         |
| Chip Type:    | Impinj® Monza® R6-P                    |
| Frequency:    | UHF 860-960 MHz                        |
| EPC Memory:   | 128 bits/96 bits                       |
| User Memory:  | 32 bits/64 bits                        |
| Protocol:     | ISO/IEC 18000-63,<br>EPCglobal Gen2v2  |
| Industry:     | Apparel, Jewelry, Logistics            |
| Applications: | Asset Tracking, Electronics, Inventory |

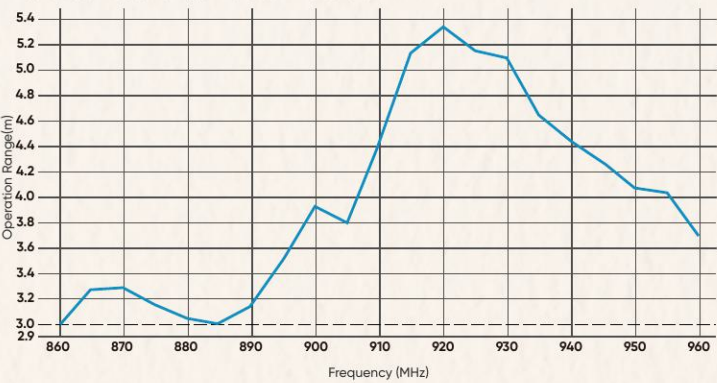


The 32×21 mm UHF RFID label with Impinj® Monza® R6-P chip featuring rapid read rates and high sensitivity. It offers impressive performance in reading great number of tags in time and maintaining the data integrity. It is frequently used in supply chain management, assets tracking, inventory management, and anti-counterfeiting.

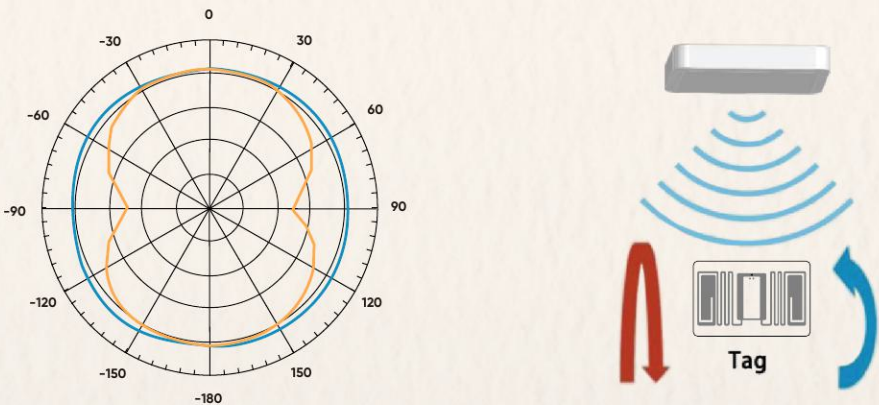
With PP synthetic paper as material, the label ensures the RFID product durability and flexibility. It also under the assistance of seamless communication protocols which make it an ideal solution for efficient inventory management and data tracking.

Reading Performance

Theoretical Read Range in Class 1 Materials



Orientation Sensitivity



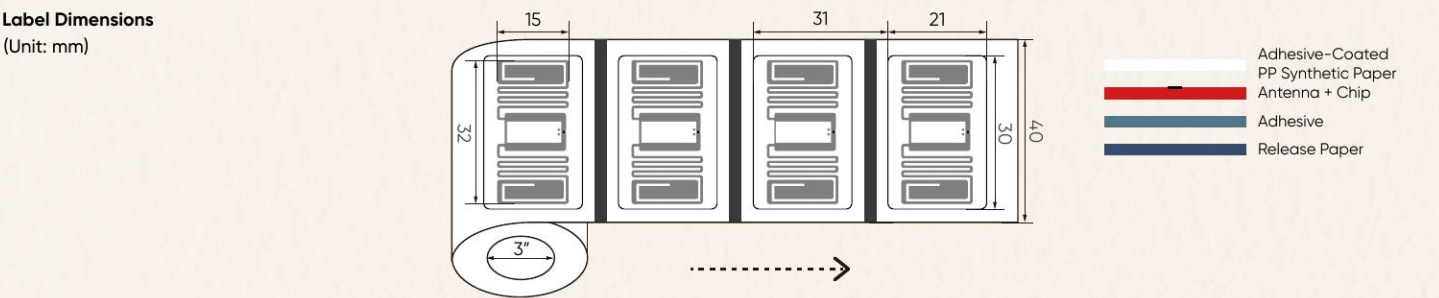
Physical Information

|                       |                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Material              | PP Synthetic Paper                                                                                                    |
| Label Size            | 32×21 mm                                                                                                              |
| Antenna Size          | 30×15 mm                                                                                                              |
| Operating Environment | -40°C~+70°C, 20%~90% 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-dot marks are bad ones, do not use. |

Technical Information

|                               |                                    |
|-------------------------------|------------------------------------|
| Operating Frequency           | 860~960MHz                         |
| Communication Protocol        | ISO/IEC 18000-63, EPCglobal Gen2v2 |
| Operating Mode                | Passive                            |
| Encoding                      | 9,500 tags/minute                  |
| Chip Type                     | Impinj® Monza® R6-P                |
| User Memory                   | 32 bits/64 bits                    |
| EPC Memory                    | 128 bits/96 bits                   |
| Tag Data Protection Features  | Access/Kill Short-range mode       |
| High-Speed Reading            | Support                            |
| Read Redundancy Prevention    | Support                            |
| Common Criteria Certification | WEEE compliant                     |

|                     |                  |                                               |
|---------------------|------------------|-----------------------------------------------|
| Packing Information | Packing Format   | Packed in roll, vacuummed packing in ESD bag. |
|                     | Roll OD          | Max. 203 mm                                   |
|                     | Core ID          | 3 inch(76.2 ± 0.50 mm)                        |
|                     | Packing Quantity | 1000 pcs/roll, single roll weight 0.43 kg     |



● **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. ● **General Use Disclaimer:** Products are for general-purpose use and not intended for safety-critical or life-support applications. ● **Legal Notice:** Information is believed accurate but may change rfidbridge.com is not liable for use-related issues or outcomes.