

# Silicone UHF Laundry Tag

HST-5512 Silicone RFID Laundry Tags are typically employed in industrial laundry operations, hotel towels, medical uniforms. Flexible and small in size, RFID silicone laundry tags can be easily integrated into textiles such as blouses, towels and other textile materials.

## Features:

- Resistant more than 200 recycles industrial laundry
- Suitable for washing, drying, dry cleaning and ironing
- Heat resistant 200°C for 30 second
- Flexible and small size



## Specification:

|                           |   |
|---------------------------|---|
| Protocol                  | ISO 18000-6C / EPC global Class1 Gen2   |
| Working Frequency         | 902~928MHz  |
| IC                        | Impinj Monza R6-P; NXP UCODE 8/9  |
| EPC Memory                | 128bits, 96bits   |
| Write Endurance           | 100,000 times   |
| Data Retention            | 50 years  |
| Warranty                  | 200 wash cycles or 2 years  |
| Dimension                 | 55*12*1.7 mm (Custom-tailor size is available)  |
| Read Range                | Up to 6m (Depend on handheld reader 33dBm)  |
| Material                  | Silicone  |
| Gross Weight              | Approx. 2g per piece  |
| Laundry Cycle Performance | Washing: +60°C (140°F) / 10 minutes<br>Drying: +60°C (140°F) / 30 minutes<br>Water Extractor Press: 60 bars<br>Sterilization Process: +121°C (250°F) / 15 minutes |
| Working Temperature       | -25°C ~+200°C   |
| Humidity                  | 5~95% RH  |