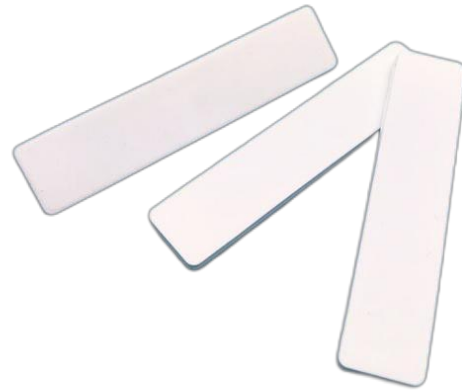


JYL-SL5512

# Silicone RAIN Laundry RFID Tag



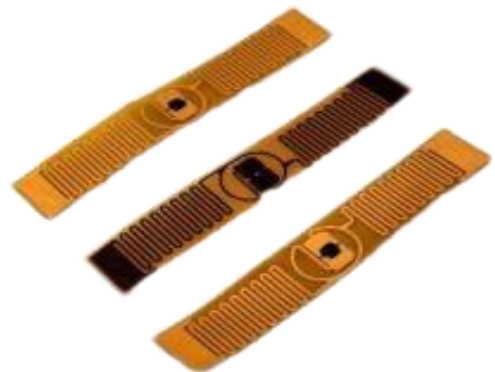
JYL-SL5512 Silicone RFID Laundry Tags are typically employed in industrial laundry operations, Flexible, small, RFID silicone laundry tag can be easily integrated into textiles such as blouses, towels, medical uniforms. and other textile materials. The RFID transponder inside was made of QFN packaged UHF chip, SMT on a FPC copper antenna with double processes solid sealed to prevent any moist infiltration from silicone housing.

## Key Features:

- Refine, flexible, smooth silicone housing resistant over 200 recycles industrial Laundry,
- Withstand industrial detergent washing, sterilization, dewater, drying and ironing, and heat resistant 180C, 3 bars circularly accompany the textile asset lifespan.
- Small, thin and flexible can carry color logo printing stably.



**Silicone RAIN RFID laundry tag**



**FPC RFID Transponder**

**Specification:**

Protocol	ISO 18000-6C / EPC global Class1 Gen2
Working Frequency	902~928MHz, and customized frequency
RFID chip	Impinj Monza 4QT , NXP UCODE 9
Memory	EPC code : 128bits / 96bits
TID	TID 96bits
Write Endurance	100,000 times
Data Retention	20 years
Dimension	55*12*2.5 mm
Material	Silicone
Delivery format	In piece
Reading range	Up to 6 m (Depend on handheld reader 33dBm)
Working temperature	-25°C~+200 °C
Humidity	5~95% RH
Washing Cycle	Washing: +60°C (140°F) / 10 minutes Drying: +60°C (140°F) / 30 minutes Water Extractor Press: 60 bars Sterilization Process: +121°C (250°F) / 15 minutes
Warranty	200 wash cycles or 1 years

- ✧ All delivery will provide with TID database together,
- ✧ Color of silicone housing can be any color or transparent,
- ✧ Please contact us for customized design.