

ROV-7010 RFID Soft Wash Label

Ultra-high frequency soft washing label, more than 200 industrial washing life, can withstand 60 Bars pressure, stable and reliable radio frequency performance;

Warranty 200 industrial washing;

The width of this product is one of the narrowest products of the same kind in the world, suitable for sewing in narrow curled linen;

The product has excellent reading distance and reliable performance.



Model: 10-Laundry7010

Installation method: sewed in the curling of linen or woven label sleeve

Advantage:

- ✚ Really reach and exceed 200 industrial washing life;
- ✚ All materials and designs have undergone reliability verification and application verification;
- ✚ 100% power verification and write verification before leaving the factory.

Main Feature:

- ✚ The soft washing label can be customized according to customer requirements;
- ✚ Soft, does not hurt textiles, feels good;
- ✚ The size of the chip module is one of the smallest sizes on the international market;
- ✚ Can withstand 60Bars pressure;
- ✚ It belongs to the few models in the global market that can withstand 180 degrees and 30 minutes, 200 times of pre-drying process;
- ✚ Impinj chip, with spectrum modulation function, can achieve excellent group reading performance through optimization of reader and software in system application.

Applications:

- ✚ Industrial washing management; linen leasing management; standard clothing management and washing

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management; work clothes rental and washing management; hospital linen and washing management; military clothing and quilt management; railway linen management and washing management; police clothing management; personnel Management; access control management; fire clothing and soft material management; other applications that require soft and pressure-resistant products.

characteristic:

Air interface agreement	EPC Class1 Gen2, ISO18000-6C
frequency	865~868MHz or 902~928MHz
chip	NXP Ucode7M
Storage area	EPC 96bits, User 32bits
Read and write support	Yes
data storage	20 years
Service life and warranty	200 industrial washings or 2 years (whichever comes first)
Material	textile
size	Length 70mm x width 10mm x maximum thickness 1.5 mm (the maximum thickness is only at the chip location)
storage temperature	-40°C~ +85 °C
Operating temperature	1) Washing: 90°C(194oF), 15 minutes, 200 times 2) High temperature pre-drying: 180°C(320oF), 30 minutes, 200 times 3) Ironing: 180°C(356oF), 10 seconds, 200 times 4) High temperature disinfection: 135°C(275oF), 20 minutes, 200 times (This product does not support the medical MRI test, the company has another product that can pass the MRI test)
Peak pressure	60 bars
Product type	single
Installation method	Sewing in the hemming, or in the woven label sleeve (do not sew on the metal thread or chip module during sewing)
weight	About 0.6 g/piece
Packing	Anti-static bag and carton packaging
colour	white
Power supply	Passive
Chemical properties	Can withstand all chemicals in the normal industrial washing process
RoHS	meets the
Reading distance *	Fixed type: over 5.5 meters (ERP=2W) Handset: more than 2 meters (using ATID AT880 handheld)
Polarization mode	Linear polarization

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