

## ROV-7015 RFID Soft Wash Label

It is a UHF soft washing label that can be industrially washed more than 200 times.

In the case of industrial and medical washing, it can withstand the pressure of 60 Bar atmospheric pressure, and its performance is stable and reliable.

According to the different installation methods, this product has two models, as shown below:



### Model: 10-Laundry7015

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.
- ✚ The products are approved by Tagformace equipment in Europe and Finland 100% RFID consistency inspection

### Main Feature:

- ✚ The soft washing label can be customized according to customer requirements;
- ✚ Soft, does not hurt textiles, feels good;
- ✚ Customizable soft wash labels that meet MRI test requirements;
- ✚ 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 agreement	EPC Class1 Gen2; ISO18000-6C
working frequency	902-928MHz, or 865~866MHz
Chip type	NXP Ucode 7M chip
Chip storage	EPC 96bits User 32bits
Read and write	Readable and writable (customers can repeatedly write content into the chip)
Data storage	20 years
Warranty	2 years or 200 industrial washings (whichever comes first)
Main material	textile
Product Size	70mm x 15mm x 1.5mm (customizable size)
Operating temperature	-25 degrees ~ +110 degrees
Storage temperature	-40 degrees ~ +85 degrees
Short-term temperature resistance	1) Washing: 90 degrees, 15 minutes, 200 times 2) Converter pre-drying: 180 degrees, 30 minutes, 200 times 3) Ironing: 180 degrees, 10 seconds, 200 times 4) High temperature sterilization: 135 degrees, 20 minutes
Save humidity	5%~95%
Installation method*	10-Laundry7015: sewed in the hemming or installed in the woven label sleeve 10-Laundry7015-H: 215°C@15 seconds and 4 bars (0.4MPa) pressure blanching method, or suture installation (please contact the original factory for the detailed installation method before installation above), or install it on the woven label sleeve Inside*
product weight	~ 0.7 g/piece
Packing	Carton
Surface color	white
Under pressure	60 bars
Chemical properties	Can withstand all chemicals in the normal industrial washing process
RoHS	Pass
Reading distance *	Fixed type: over 5.5 meters (ERP=2W) Handset: more than 2 meters (using ATID AT880 handheld)
Polarization mode	Linear polarization

\*Different reading and writing facilities have different reading and writing performance

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