

OR1304 Washing label specifications

Introduction: UHF soft washing labels that can be industrially washed more than 200 times. In the case of industrial and medical washing, it can withstand atmospheric pressure of 60 Bar and has stable and reliable performance.

Item	Parameter
Air agreement	EPC Class1 Gen2; ISO18000-6C
Working frequency	902-928MHz
Chip type	NXP Ucode 7M Chip
Chip storage	EPC 96bits User 32bits
Read and write performance	Read and write (customers can write to the chip repeatedly)
Data storage	20 years
Warranty	2 years or 200 industrial washes (whichever comes first)
Main material	Textile
Product Size	70mm x 15mm x 1.5mm
Operating temperature	-25°C~ +110°C
Storage temperature	-40°C~ +85°C
Short-term temperature resistance	Washing: 90 ° C, 15 minutes Converter pre-drying: 180 ° C, 30 minutes, 200 times Ironing: 180 ° C, 10 seconds, 200 times High temperature sterilization: 135 °C, 20 minutes
Storage humidity	5%~95%
Installation method	7015-7M: suture installation 7015-7M-H: 205 °C @ 10sec. And 4 bars pressure, or suture installation (please contact the original factory before installation for detailed installation method)

Product weight	~ 0.7 g / piece
Package	Carton
Surface color	White
Under pressure	60 bars
Drop test	1 meter high 200 drop tests passed
Testing of relevant washing liquids for washing	Test passed
High and low temperature alternating test	-40 °C ~ + 120 °C 7 times of high and low temperature alternating cycle, a total of 2 consecutive days passed the test
RoHS	pass
Fixed reader	More than 4 meters (4W EIRP, using Alien9900 fixed reader, if other readers, the reading distance may be different)
Handheld reader	2 meters or more (read distance in the outdoor open space using Alien9011 handheld reader, if other handhelds are used, the reading distance may be different)
Polarization mode	Linear polarization