

OR1303 Washing label specifications

Introduction: UHF soft washing label, with over 200 industrial washing life, can withstand 60 Bars pressure, stable and reliable RF performance; the same tag can be applied to global frequency requirements (including Europe, America, and China); 200 times industrial warranty Washing; washing labels of similar size in the international arena, this product has excellent reading distance and reliable performance.

Item	Parameter
Air interface agreement	EPC Class1 Gen2, ISO18000-6C
Frequency	865~868MHz 或 902~928MMHz
Chip	NXP Ucode7M
Storage area	EPC 96bits,User 32bits
Read and write support	Yes
Data storage	20 年
Life and warranty	200 industrial washes or 2 years (whichever comes first)
Material	Textile
Size	70mm * 10mm * 1.5 mm (the maximum thickness is only at the chip position)
Storage temperature	-40℃~ +85 ℃
Operating temperature	1) Washing: 90 ℃ (194oF), 15 minutes, 200 times 2) High temperature pre-drying: 180 ℃ (320oF), 30 minutes, 200 times 3) Ironing: 180 ℃ (356oF), 10 seconds, 200 times 4) High temperature disinfection: 135 ℃ (275oF), 20 minutes, 200 times (this product does not support medical MRI test, the company has other products that can pass MRI test)

Peak pressure	60 bars
Product type	Single
Installation method	Sewing in crimping or quilting sleeves (do not sew to metal wires or chip modules during sewing)
Weight	About 0.6 g / piece
Packing	Anti-static bags and cartons
Colour	White
Power supply	Passive
Chemical properties	Withstands all chemicals in normal industrial washing processes
RoHS	accord
Reading distance	Fixed: over 5.5 meters (ERP = 2W) Handheld: more than 2 meters (using ATID AT880 handheld)
Polarization mode	Linear polarization