

OR1305 Washing label specifications

Introduction: UHF soft washing tag, 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	845~ 950MHz (Used globally)
Chip	Impinj R6P
Storage area	EPC 96bits,User 32bits
Read and write support	yes
Data storage	20 years
Life and warranty	200 industrial washes or 2 years (whichever comes first))
Material	Textile
Size	58mm x 15mm x 1.5 mm (maximum thickness only at 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
Peak pressure	60 bars
Product type	single
Installation method	Sewing in the crimp, or in the quilt cover (not to the metal thread or chip module 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