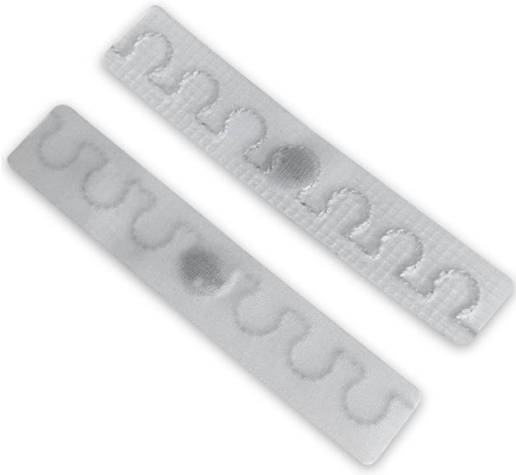


UHF Woven Washable Polyester Laundry Tag



With excellent reading performance and the highest thermal and mechanical resistance, this new UHF RFID Laundry Tag can be inserted in to the narrow hems of garments and other kinds of textile products, which is suitable for industrial application and private wear.

Application

- * Automate operational process during laundry
- * Improve the accuracy of information between the laundry and its customers
- * Hospital uniforms & Hotel sheets tracking



Key Features

- * Optional dimensions for different needs
- * Surpassed reading performance
- * Good chemical and corrosion resistance
- * Outstanding mechanical resistance



Linen with RDID Tag

Technical Data

Electrical Characteristics	
Inner Chip:	NXP U CODE 7 (EPC Class 1 Gen 2 / ISO 18000-6C compliant)
Memory:	* NXP U CODE 7: 128 bits EPC, no user memory
Working Frequency :	860-960MHZ
Reading Distance:	Fixed: 7 m
	Handheld: 4 m
	<i>*The final read range depends on RFID Reading equipment and application environment.</i>
Physical Characteristics	
Dimension :	87*17mm
Material:	*UHF module: Encapsulated chip epoxy *Tag: 50% cotton, 50% polyester
Operating Temperature:	-40~ 90°C
Storage Temperature:	-40~120°C , 50% RH
Tag lifetime:	200 wash cycles from ship date.
Laundry Cycle Performance	
Maximum temperature:	220°C, 30s, 2.5 bars
Washing:	100°C, 60mins, 120 bars
Pre-drying in tumbler:	160°C, 30mins
Tunnel ironing:	185°C, 30mins
Sterilization process:	134°C, 20mins, RH 85%
Water extractor process:	60 bars
Chemical resistance:	Endure all chemicals common to the washing endurance