

WATERPROOF LAUNDRY TAGS

One more choice for you from ID Tech Solutions



- UHF technology to read hundreds of tags simultaneously
- Single-colour printing available and encoding, print serial numbers, barcode laser marking
- Cost efficient solution with exceptional durability for washing, drying, dry cleaning and ironing
- Small, soft, flexible material ideal for textiles, linens, garments and accessories
- Washing, dry cleaning, High-temperature sterilization in application
- Product is ROHS compliant
- Conforms to "EPC C1G2 (ISO 18000-6C)"
- Sewing, Hot Iron, hanging of installation

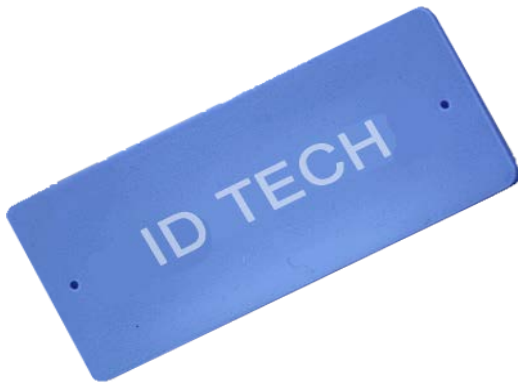
Advantage

- Longer reading distance of more than 8-meter
- Suitable for high-pressure up to 500 N
- Stronger ability of heat resistance

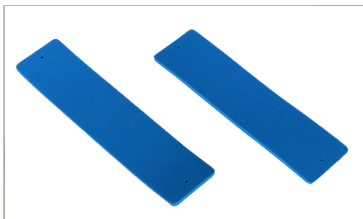
WATERPROOF LAUNDRY TAGS

One more choice for you from ID Tech Solutions

At present, in hotel, amusement parks, factories and hospitals, there are a large number of uniform to deal with every day. Every 300 uniform takes 1 hour to handover. Especially with the growing consciousness of people to prevent and cure diseases, disease suit quantity management has been a difficult and heavy task. In addition, in some hotel and hospital where need employee to change uniform everyday, the current manual management mode is not able to monitor regular uniform change frequency of employee.



Based on this, **ID Tech** have developed Waterproof Laundry tags, the RFID technology can be applied to the uniform management. [Waterproof Laundry tags \(CE36019\)](#) can sewing, hot iron or hang on the towel & clothing, mainly applied in towel, Apparel Retailers. It can bear washing, dry cleaning, High-temperature sterilization and soon.



Specialist

Mode	Laundry tags (CE36019)			
RFID Standard	EPC C1G2 (ISO 18000-6C)			
Size & Weight	silicon gel			
Material	55x24x2.0mm			
Colour	blue, white			
EPC Number Area	96 bits, extensible to 512 Bits			
User Memory	512 bits			
chip	Higgs-3			
Reading Range	860-960 MHz	8 meter	0.5W Euro-standard reader	
		4 meter	0.5W ASME reader	
		3 meter	1W Motorola reader 3190-Z	
Tagging	sewing, Hot Iron, hanging			
Estimated Lifetime	200 times washing or three years.			
Estimated Failure Rate	0.1%-0.2%			
compression strength	500N pressure			
Environmental Resistance		Washing Method		
		Water Extraction Pressure		
	Water Resistance	Water resistant		
	Chemical Resistance	Detergent, Softener, Bleach (Oxygen/ Chlorine), Alkali *4		
	Heat Resistance	Drying	80°C 60mins	
		Stoving	140°C 60mins	
		Ironing	200°C 10s	
	Humidity/ Temperature		low temperature	-40°C 60mins
		Operating condition	-20 to 50°C, 10 to 95%RH	
		Storage Temperature	-40 to 55°C, 8 to 95%RH	

All data are results performed in our laboratory test condition.

1: Excludes appearances (discoloration, bending, distortion, etc.) due to normal use.

2: testing I conditions:
Laboratory temperature: 22 °C
Relative humidity: 50%

3: The main test equipment:
FSVR7 Spectrometer measurement range:10Hz-7GHz

4: The tag has been tested for 10 times at the condition of JIS L 0856 Severe test.

Installation Notes:

Do not attach near metal objects.