



Laundry Hard Tag CE36056

laundry tags are specially designed to meet the tracking requirements of the laundry industry and uniform management in hotel or hospital etc. It is easily affixed onto textile products using a standard sewing process, it can be sewed along the edge of the item or embedded into the item, and can bear washing, dry clean, high Temperature sterilization.

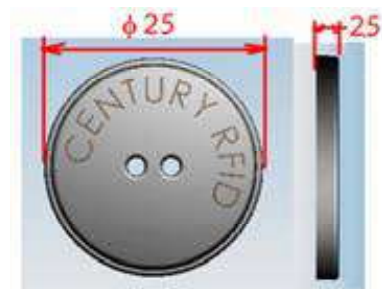
Physical Specification

Dimension (mm/in):	Ø25×2.5mm
Encasement:	High temperature resistance PPS
Color:	Light Grey or customized
Mount way:	Sitcking or Sewing
Quality Assurance:	100% Performance Test



Electrical Specification

Protocol:	ISO/IEC 18000-6C & EPC global Class 1 Gen 2
Operating Frequency:	860 - 960MHz
Integrated Circuit [IC]:	H4
EPC Memory:	128Bits
User Memory:	512Bits
Unique TID:	96Bits
Access Password:	32 Bits
Kill Password:	32 Bits
RFID Read Range:	≥1m (Fixed Reader power - 27dbm)
Expected read cycles:	100,000 cycles
Data retention:	10 years



Packing information

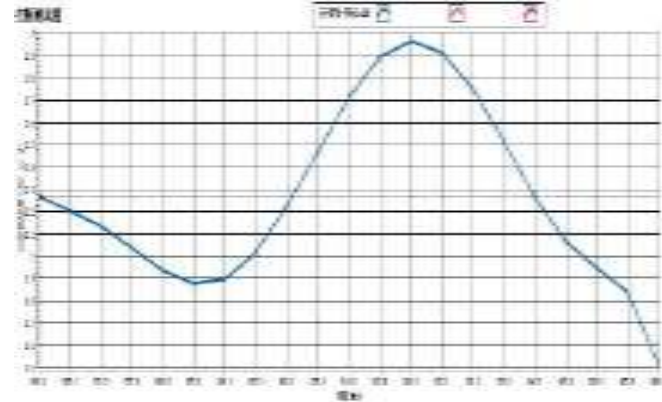
Packing Format:	Carton
Weight per pieces:	2.4kg
Quantity per box:	3000pcs
Box Dimension:	210×210×260mm
Weight per box:	7.8kg
Quality Assurance:	100% performance tested 100 read tested with out-of tolerance inlay marked 100% edit and replace

Environmental

Estimated Lifetime:	200 times washing or three years	
Operating Temperature:	-40°C-250°C	
Operating Humidity:	100%	
Storage Temperature:	-40°C-250°C	
Storage Humidity:	100%	
IP Rating:	IP68	
Chemical Resistance:	Detergent, Softener, Bleach (Oxygen/ Chlorine), Alkali *4	
Washing Method	Water Extraction Pressure	
Heat Resistance	Drying:	80°C 60mins
	Stoving:	180°C 60mins
	Ironing:	250°C 30 s
	low temperature:	-40°C 60mins

Radiation Patterns

Read Range



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
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.



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