



New

TexSilicon™ UHF Laundry Tag

Century Link's **TexSilicon™** adding to the company's existing **CiLink™** series of RFID Laundry tag lately, is the innovative tag for industrial Laundries. It is designed specially to meet the rigors of high volume and high pressure wash flows to extend the life of your assets. These soft, flexible and thin tags can be applied quickly and easily in multiple ways according to your wash process needs, and provides you reliable and durable performance.

Product Features:

- **ISO/IEC 18000-6C EPC Class I Gen2**
- **Two assurances for endurance and consistent performance**
Unique chip encapsulation and antenna design
Professional choice of antenna material
- **Innovation silicone housing masks**
Provide comfortable and flexible usage
Protect RFID chip and antenna
- **Reliable and consistent performance**
Anti-static electricity , High water, chemical, heat and pressure resistance
- **Global frequency: 860-960 MHZ**
- **Personalized printing available**



Customer Benefits

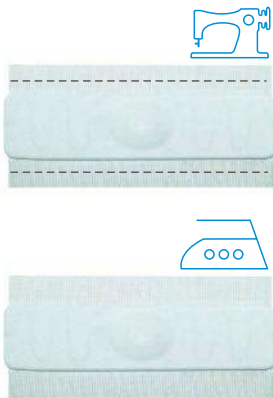
Bulk reading and long reading distance

Multiple choice of tag mounting way: hem, stitch or heat-seal – no pocket needed



APPLICATION AREAS:

- Bed linens and towels in hospitality or hotel
- Uniform and work wear management
- Linen asset tracking, supply and inventory management



SPECIFICATIONS

Name	TexSilicon™	
	Sew	Heat-seal(Optional)
Base Model Number	CE36082	CE36082-1
ELECTRONIC		
Operating Frequency	860~960(GS)	
Chip Type	M4QT	
Memory	128 bit EPC, 96 bit TID	
Anti-Collision	Yes	
Data retention	10 years	
Reading Distance (EIRP 2W)	Up to 3 m (Fixed reader) Up to 1.5 m (Handheld reader)	
PHYSICAL		
Length × Width	67×30 mm	
Thickness	2.6 mm	
Mounting Method	Sewing, Heat-sealed(Optional)	
Affixes To	Linens and garments	
Housing Material	Fabric with Silica gel	
Color	White	
Weight	1.5 g	
CHEMICAL AND MECHANICAL RESISTANCE		
Chemical Resistance	Detergent, Softener, Bleach(Oxygen/ Chlorine), Alkali *4	
Vibration	IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]	
Shock	IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times]	
Impact	IEC 62262-IK06	
Axial/Radial Force	1000 N, 10 sec	
Mechanical Tests	Bending (500 times 10 mm radius), twisting (500 times 180°), drop test (100 times 0.6 ft / 0.18 m)	
Anti-static	8 KV	
Extractor Press	60 Bars (60N/cm ²)	
THERMAL (AIR)		
Storage	-40°C ~ 85°C	
Operating	-40°C ~ 85°C	
WASHING		
Washing Method	Laundry, Dry cleaning or high-temperature sterilization	
Washing Cycles	200 wash cycles or three years	
Washing	90° C 60 min	
Drying	200° C 10 sec	
Ironing	200° C 10 sec	
Tunnel Finisher	185° C 30 min	
OTHER		
Standards	ISO/IEC 18000-6C & EPC global Class 1 Gen 2	
Weight per box	3.4 kg	
Quantity per box	2000 pcs	
Box Size	37×25.5×17 cm	
Packing Format	Carton	

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