



New

## TexSilicon Slim™ UHF Laundry Tag

Century Link's **TexSilicon Slim™**, 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 provide 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

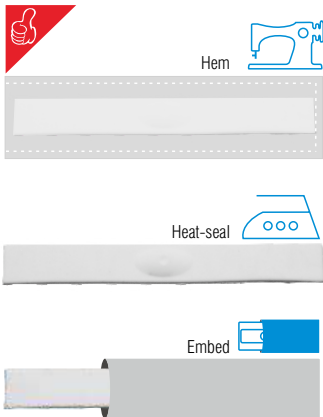
*Bulk reading and long reading distance*

*Multiple choice of tag mounting way: hem, heat-seal or embed in pocket*



### APPLICATION AREAS:

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



## SPECIFICATIONS

Name	TexSilicon Slim™		
	Hem	Heat-seal ( R )	Embed ( P )
<b>Base Model Number</b>	CE36083	CE36083-R	CE36083-P
<b>ELECTRONIC</b>			
<b>Operating Frequency</b>	860~960(GS)		
<b>Chip Type</b>	M4QT		
<b>Memory</b>	128 bit EPC, 96 bit TID		
<b>Anti-Collision</b>	Yes		
<b>Data retention</b>	10 years		
<b>Reading Distance (EIRP 2W)</b>	Up to 3 m (Fixed reader) Up to 1.5 m (Handheld reader)		
<b>PHYSICAL</b>			
<b>Length × Width</b>	80×11 mm		
<b>Thickness</b>	2.6 mm		
<b>Mounting Method</b>	Hem, heat-seal or embed		
<b>Affixes To</b>	Linens and garments		
<b>Housing Material</b>	Fabric with Silica gel		
<b>Color</b>	White		
<b>Weight</b>	1.1 g		
<b>CHEMICAL AND MECHANICAL RESISTANCE</b>			
<b>Chemical Resistance</b>	Detergent, Softener, Bleach(Oxygen/ Chlorine), Alkali *4		
<b>Vibration</b>	IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]		
<b>Shock</b>	IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times]		
<b>Impact</b>	IEC 62262-IK06		
<b>Axial/Radial Force</b>	1000 N, 10 sec		
<b>Mechanical Tests</b>	Bending (500 times 10 mm radius), twisting (500 times 180°), drop test (100 times 0.6 ft / 0.18 m)		
<b>Anti-static</b>	8 KV		
<b>Extractor Press</b>	60 Bars (60N/cm <sup>2</sup> )		
<b>THERMAL (AIR)</b>			
<b>Storage</b>	-40°C ~ 85°C		
<b>Operating</b>	-40°C ~ 85°C		
<b>WASHING</b>			
<b>Washing Method</b>	Laundry, Dry cleaning or high-temperature sterilization		
<b>Washing Cycles</b>	200 wash cycles or three years		
<b>Washing</b>	90° C 60 min		
<b>Drying</b>	200° C 10 sec		
<b>Ironing</b>	200° C 10 sec		
<b>Tunnel Finisher</b>	185° C 30 min		
<b>OTHER</b>			
<b>Standards</b>	ISO/IEC 18000-6C & EPC global Class 1 Gen 2		

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