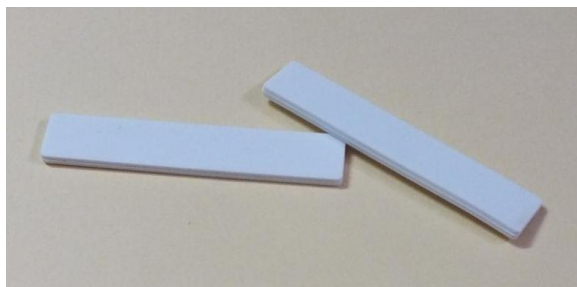


## Lotis-II : Silicon Laundry Tag

**Product Code: WL16U**



- Ultra High Frequency Silicon laundry tag is extremely flexible, soft and durable. It is ideal for flat linens and garments with read range upto 3m. It can be easily affixed onto textile products using a standard sewing.
- It can easily sustain up to 180 wash cycles.

### Technical Specifications:

Electrical:	Operating Frequency :	(EU)865~868 MHz / (US)902~928 MHz
	Operating Mode :	Passive (battery-less transponder)
	Read Range :	up to 3m* (Reader and antenna dependant)
Chip Type:	Alien Higgs 3 EPC Class 1 Gen 2	
	EPC 96 bit extendable up to 480 bits	
	User Memory 512 bit	
	Data retention of up to 10 years	
Mechanical:	Dimension : 56 x 11 x 2mm	
	Material : Silicon	
	IP rating : IP68	
Thermal:	Operating Temp. : -20°C to +150°C	
	Storage Temp. : -10°C to +65°C	
Wash Cycles:	Up to 180 wash cycles	

\* Read-range achieved using standard testing methodology. Read range will vary with reader hardware and output power.  
Preliminary Data Sheet: Certain specification subject to change.

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