

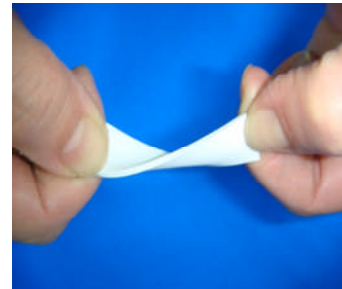
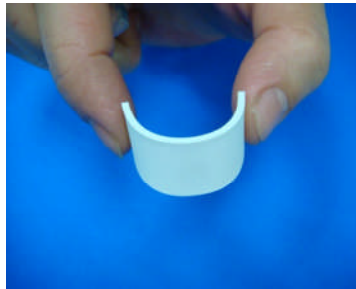


POLYCHEM UV/EB INTERNATIONAL CORP.

The Most Flexible High-Temperature Resistant UHF

Gen 2 Washable Tag

PLC-2 UHF Gen 2 High Performance Washable Silicone Tag



Features:

This UHF RFID label is laminated with non-toxic and non-staining type of silicone rubber that has excellent weathering properties and resists high temperature. The tag has skin-like surface, with very comfortable touch feeling to the human skin. It provides excellent flexibility and has very good resistance to water, oil, and many chemicals. With special antenna design, this tag can be read in the water, on wine bottle, or even through human hands. It provides exceptional wide reading span of angle and read ranges from reader.



The tag is based on the EPC global Generation 2 specification with 512 bits of user programmable EPC memory field with Read, Write and Lock capabilities.

Applications: hospital/laboratory management, clean room clothing tracking, laundry management, production controls, asset management, personnel tracking, warehouse management, and logistics applications.

Specifications:

RF Protocol: EPC Gen 2 ISO 18000-6C

Operating Radio Frequency: 860 - 960 MHz

Tag Size/Type:	A type : L 53 x W 17 mm x T 1.7 mm  B type: L 68 x W 17 mm x T 1.7 mm (With two fixing holes) 
Tag Lamination Material:	Special non-toxic heat proof silicone rubber
Antenna Substrates:	UV Silver Conductive Ink (Patented)
Operating Mode:	Passive
Read Range @RF Power 30dB (4W), Typical Values:	2.5 meters in air 0.6 meter in water or on wine bottle 0.6 meter held in human hands
Service Temperature:	-40°C to +120 °C
Peak Temperature Resistance:	200°C, +1°C/minute started from 120°C to 200°C
Storage Temperature:	-40°C to +85 °C
Storage and Operation Humidity:	30- 90% RH
Data Retention:	10 years at + 65°C
Delivery Package:	500 pcs / box

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