

## FEATURES

- US/Europe/Japan UHF RFID Tags
- 860-940MHz UHF Tags
- Read / Write Version
- ISO 18000-6C standard compliant
- EPC Global Class 1 Gen 2 compliant



## APPLICATIONS

- Laundry Application
- Asset Management
- Industrial hand tools

FUNCTIONAL SPECIFICATIONS	
Operating Frequency	860 Mhz to 960 MHz
ISO Standard Compliance	ISO 18000-6C
Type	EPC Class 1 Gen 2
Chip	UCODE 9
PHYSICAL SPECIFICATIONS	
Sizes (Typical) in mm	Diameter: 7.0, 8.0, 9.0 (Max), Thickness: 1.0 (Typical)
Material	Epoxy
Color **	Black
ENVIRONMENTAL SPECIFICATIONS:	
Operating Temperature (°C)	-10°C to +70°C
Storage Temperature (°C)	0°C to +50°C
Mechanical Vibrations	10g, 20-1000Hz, 3 axis, 2.5 Hrs
Water Immersion	IP68
Mechanical Shock	40 g, half-shine, 18 ms, 6 axis, 2000
Environment	Laundry, Industrial washing
Harsh Chemical Environment	Soap water, caustic soda, hot water

1) Read Distance depends on the User's reader antenna  
 2) Tags with other ICs from NXP, Alien, Impinj or other semiconductor manufacturers are also available as per customer requirements  
 \*\* Other sizes, materials or colors can be made available on request

*Syrma Technology reserves the right to change the product information, specification, features or data without any prior notice at any time. Syрма Technology does not take any responsibility for customer product/system design or performance when used with specifications not mentioned above.*

[Ask for our special HIGH Temperature Tags for Industrial application that work at 150/200° C continuous operation](#)