



Laundry Tag 16mm

FEATURES

- Laundry Tag is ATEX approved and thus can be used in potentially explosive atmosphere.
- The tag is made of high temp plastic to meet all endurance requirements in terms of heat, harsh environments and chemical resistance.
- Useful for Laundry, Waterproof and High Temperature Applications.
- Flexible Read/Write Range (reader dependant).
- Insensitive to almost all non metallic materials.

APPLICATIONS

- Tracking of garments in the textile rental and dry cleaning.
- The Laundry Tag provides immediate and long term benefits to garment management in process and lifecycle traceability.
- Automatically reading of garments and provide a durable tag that could survive multiple washings

Chip Type:	I-Code SLIX 13.56 MHz, ISO/IEC 15693	
	1024 bits, organized in 32 blocks of 4 bytes each	
	Data retention of 50 years	
	Write endurance 100,000 cycles	
Mechanical:	Outer Dia.	15.8mm
	Thickness	3.6mm
	Material	High Temp plastic
	Colour	Black
	Weight	1.15 g
	Stability	Isostatic water pressure 30 bar
	Antenna Type	Wire Antenna
Electrical:	Operating Frequency	13.56 MHz
	Operating mode	Passive (battery-less transponder)
Ingress Protection:	IP68	
Thermal:	Storage Temp.	-20° C to +120° C, (+160° C for 50 min, +220° C for 50 Sec.)
	Operating Temp.	-20° C to +70° C
Part Number:	201A1-Ex	
Atex Marking details:	 II 1 G, Ex ia IIC T5 Ga	
Options:	Other IC type, Size, Shape & Colour on request	

*Preliminary Data Sheet: Certain specification subject to change.