



Features


Syrma laundry tags bring the convenience of RFID scanning to large-scale industrial laundry applications. Whether externally stitched to a garment or sewn inside a hem, our PPS injection molding/epoxy tags are designed to deliver optimal performance over 250 wash cycles in heavy detergents. RFID tracking is a highly effective method of maintaining inventories of uniforms, linens, and other textile assets, facilitating an effective first-in-first-out (FIFO) rotation, as well as tabulating and cross-referencing overall laundry volume.

Applications

- Industrial Laundry
- Asset Management
- High-Temperature Environment
- Harsh Chemical Environment





Size/Name	22mm Laundry Tag	15.5mm Laundry Tag (with two holes)	15mm Laundry Tag	15mm Laundry Tag
SKU	ST210	ST024	ST025	ST547
Functional Specifications				
Operating Frequency	13.56MHz (+0.5/-0.2MHz)		125±6kHz, 134.2±3kHz	
ISO Standards Compliant	ISO14443/ISO15693		ISO 11784	
Memory Type	Tag-it 256 bits, R/W I CODE SLI-L/SLIX-L 256 bits R/W I CODE SLI/SLIX 1024 bits R/W MIFARE 1K bits R/W MIFARE 4K bits R/W		EM4102 64 bits, R/O HITAG S 256 bits, R/W EM4305 512 bits, R/W	
Physical Specifications				
Diameter x Thickness	22.0±0.3 x 3.15±0.05mm 15.1±0.1 x 2.65±0.05mm 11.1±0.1 x 2.55±0.05mm		22.0±0.3 x 3.15±0.05mm 15.1±0.1 x 2.65±0.05mm	
Materials	PPS injection molding/epoxy		PPS injection molding/epoxy	
Colors				
Environmental Specifications				
Operating Temperature (°C)	+10 to +70			
Storage Temperature (°C)	-40 to +85			
Heat Resistance (°C)	150°C for 15 minutes			
Mechanical Vibrations	10g, 20-1000Hz, 3 axis, 2.5hrs			
Water Immersion	IP68			
Mechanical Shock	40g, half-shine, 18ms, 6 axis, 2000 times			
Industrial Wash Cycles	Up to 200 wash cycles			
Washing Extractor Load	Up to 500kg			

*Other sizes can be made available upon request. Syrma Technology reserves the right to change the product information, specifications and features without any prior notice at any time. Syrma Technology does not take any responsibility for customer product/system design or performance when our product is used with specifications not mentioned above.