



RFID4u
Store

Frequency: 865 - 868 MHz (ETSI)



Linens and garments that are commercially laundered tend to face tough external conditions, such as exposure to strong chemicals, submersion under water, and extreme temperatures. These conditions have made it difficult for businesses to use RFID for linen management – until now! RFID Laundry Tags are waterproof and highly durable. The TagMatiks Uniform Tracking Laundry Tags are encased in a tough cotton-polyester fabric, protecting the antenna and RFID chip from the stresses of the industrial wash cycle, sterilization chemicals, high.

Laundry Tags are ideal for applications involving garments and linens. A common use case for RFID Laundry Tags is to track uniforms that are issued to employees, allowing the company to reduce the risk of shrinkage on their inventory and ensure that they get back the uniforms they issue out. RFID Laundry Tags are also great for hotel linen management to allow for item visibility on linens such as blankets and towels, enabling the hotel to ensure that these items are not being constantly stolen or lost. Any application requiring the tracking of linens or garments which will be exposed to various potentially damaging elements can benefit from the durability of RFID Laundry Tags.

SKU for Heat-Seal: TAG-E-HS-UT2
Stitch On: TAG-E-S-UT2
Pre-Printed / Pre-encoded: TAG-E-PP-UT

- Shirts
- Towels
- Pants
- Blankets
- Hats
- Mattresses
- Ties
- And more!



Withstands Exposure To	-	Water and all chemicals common to commercial laundry and dry cleaning
Washing Cycles	-	Up to 200 commercial wash cycles
Washing	-	194° F (90° C) 15 min
Pre Drying	-	320° F (160° C) 30 min
Tunnel Finisher	-	365° F (185° C) 15 min

TagMatiks RFID Laundry Tags

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Contact

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Location

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Radio Frequency Specification

Operating Frequency	-	865 - 868 MHz (ETSI)
Chip Type	-	M730 (heat seal, stitch) , UCode 9 (pre-printed, pre-encoded)
Memory	-	ISO 18000-63 and EPCglobal Gen2v2128 bit EPC
Anti-Collision	-	Yes
Reading Distance	-	Up to 26ft (Stitch) or 21.3ft (Heatseal)
(2W Reader ERP, free space)		
Air Protocol	-	ISO 18000-63 and EPC global Gen2v2

Physical Specification

	Stitch Tags	Heat-Seal Tags	Tag-Pouch	Pre-Printed/ Pre-encoded
Length xWidth	- 2.6 x 0.6 in (67 x 15 mm)	2.7 x 0.6 in (68 x 15 mm)	3 x 0.78 in (76 x 20 mm)	3.54 x 0.98 in (90 x 25 mm)
Thickness	- 0.082 in (2.1 mm) on chip location only; Rest of tags in <0.03 in (0.8 mm)	0.073 in (1.86 mm) on chip location only; Rest of tag in 0.02 in (0.5 mm)		
Mounting Method	- Stitch into fabric	Heat-seal	Stitch into fabric	Heat-Seal / Stitch into fabric
Affixes To	Linens and garments			
Housing Material	Cotton and polyester			
Color	White			

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