

LinTRAK C10SH-M730

UHF Tags for Textile Services

HID's LinTRAK ultra-high-frequency RAIN® (UHF) radio-frequency identification (RFID) tags have been specifically designed to identify textile products.

LinTRAK tags meet the rigorous tracking requirements of the laundry industry, thanks to their shape, durability and ease of fixation — withstanding the rigors of repeated washing, including exposure to water, cleaning chemicals, sterilizing heat and water extraction pressure. The patented manufacturing process ensures cost-effective tags that deliver reliable, consistent performance throughout their entire life cycle.

LinTRAK tags are compliant with EPC global UHF Class 1 Gen 2 and ISO 18000-63 RAIN RFID standards. Each tag is encoded with a unique EPC code in accordance with GS1 standards (SGTIN96 format), which can be re-programmed to be compatible with any operating platform in accordance with privacy laws. Custom encoding services are available on request.

LinTRAK C10SH-M730 is a heat-sealable UHF RFID tag designed for the identification and tracking of garments, uniforms, and linen. Particularly well suited for retrofit applications, it provides a fast and convenient alternative for tagging existing linen stocks, allowing a fast upgrade to an RFID-based tracking solution. When heat-sealing instructions are followed, the tag attaches directly, securely, and effortlessly to both linen items and garments.

LinTRAK C10SH-M730 is thin and discreet, measuring just 52 x 10 mm.



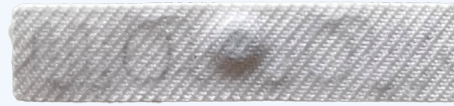
KEY FEATURES:

- Specifically designed to identify textile products
- Resistant to harsh laundry processes
- Discreet insertion into textile items

KEY TECHNOLOGY HIGHLIGHTS:

- UHF: RAIN RFID EPC Class 1 Gen 2 and ISO 18000-63
- Water, chemical, heat and mechanical pressure resistance
- Guaranteed to withstand 200 commercial washing cycles or 3 years
- OEKO-TEX® Standard 100 Level 1 certified

LinTRAK C10SH-M730



Base Model Number	TL730E21H
	ELECTRONIC
Operating Frequency	860-960 MHz (worldwide)
Chip Type	Monza M730
Memory	128 bits EPC
Reading distance (2W reader ERP, free space)	ETSI & FCC: Up to 23 ft (7 m)
	PHYSICAL
Dimensions Height (+/- 1 mm) x Length (max)	0.4 x 2 in (10 x 52 mm)
Thickness	0.078 in (2 mm) on chip location only, rest of tag is <0.008 in (0.2 mm)
Mounting Method	Heat-seal at 204°C, 4-5 bars, during 14 seconds. Allow a five-minute cool down period before introducing the newly RFID-enabled item into harsh laundry process
Material	UHF module: encapsulated chip, epoxy Antenna: stainless steel multithreads Fabric label: polyester and polyurethane
Color	White
	WASHING
Max Temperature	428°F (220°C) / 30 seconds
Exposure	2.5 bars (36,25 PSI)
Tunnel Washer	194°F (90°C) / 15 minutes
Pre-Drying in Tumbler	320° F (160° C) / 30 minutes
Tunnel Finisher	365° F (185° C) / 30 minutes
Sterilization Process	273°F (134°C) / 2 bars / 10 minutes
Water Extractor Press	60 bars (performance level measured and guaranteed in HID's laundry tests and conditions)
Chemical Resistance	All standard chemicals used in laundry process
	OTHER
Standards	UHF EPC Class 1 Gen 2, ISO 18000-63
Certifications	OEKO-TEX® STANDARD 100 Level 1
Packaging	Bags of 200 pcs in boxes of 10,000 pcs.
Personalization	Unique EPC code (unlocked). Custom EPC range & locking on request. Laser-marked with TID.
Warranty	200 washing cycles (according to ISO 15797:2017) or 3 years or up to 100 sterilization cycles



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