

# LinTRAK C15S-MRI-M730

## UHF Tags for Textile Services

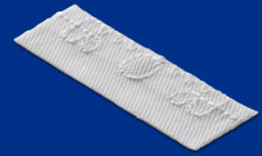
HID's LinTRAK® ultra-high frequency RAIN® (UHF) radio-frequency identification (RFID) tags have been specifically designed to identify textile products; thanks to their shape, durability, and ease of fixation, they meet the tracking requirements of the laundry industry.

They withstand the rigors of repeated washings, including exposure to water, cleaning chemicals, sterilizing heat, and water extraction pressure. The patented process securely positions the inner chip relative to the antenna, which guarantees consistent performance over the life of the tag.

LinTRAK tags are compliant with EPC global UHF Class 1 Gen 2 and ISO 1800-63 RAIN® RFID standards. This means that they are encoded with a unique EPC code following 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 provided.

LinTRAK C15S-MRI-M730 can be easily attached onto textile items thanks to a 5 mm empty zone above the chip to ease the sewing process. Measuring just 15 x 52 mm, it is much smaller than its predecessor LinTRAK C15-MRI.

Based on the latest generation IC, LinTRAK C15S-MRI-M730 offers similar outstanding read performance which, combined with low minimum activation power to support densely stacked conditions, make it an optimal choice for demanding textile services applications.



### LINTRAK C15S-MRI-M730

- Specifically designed to identify textile products
- Resistant to harsh laundry processes
- Featuring a convenient 5mm sewing zone
- Embeds the latest generation IC for improved performance

# LinTRAK® C15S-MRI- M730

## KEY TECHNOLOGY HIGHLIGHTS:

- RAIN RFID EPC Class 1 Gen 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
- MR conditional for use in medical environments
- Compatible with medical environments (MRI equipment) and undetectable by needle detector machines. Validated by the world's most experienced MR-safety testing company (MRSTS) at 1.5 and 3.0 Tesla, the typical ratings at which a patient can be safely scanned in an MR system.

## LinTRAK C15S-MRI-M730



<b>Base Model Number</b>	TL730E10
	<b>ELECTRONIC</b>
<b>Operating Frequency</b>	860-960 MHz (worldwide)
<b>Chip Type</b>	Monza M730
<b>Memory</b>	128 bits EPC
<b>Reading distance (2W reader ERP, free space)</b>	Up to 16 ft (5 m)
	<b>PHYSICAL</b>
<b>Dimensions</b>	2.04 x 0.6 in (52 x 15 mm)
<b>Thickness</b>	0.078 in (2 mm) on chip location only, rest of tag is <0.008 in (0.2 mm)
<b>Mounting Method</b>	Sewn, inserted inside hem or pouch, or fixed under a heat-seal label
<b>Material</b>	UHF module: encapsulated chip, epoxy / Antenna: stainless steel multithreads Fabric label: polyester and polyurethane as external layer
<b>Color</b>	White
	<b>WASHING</b>
<b>Max Temperature</b>	428°F (220°C) / 30 seconds
<b>Exposure</b>	2,5 bars (36,25 PSI)
<b>Tunnel Washer</b>	194°F (90°C) / 15 minutes
<b>Pre-Drying in Tumbler</b>	320° F (160° C) / 30 minutes
<b>Tunnel Finisher</b>	365° F (185° C) / 30 minutes
<b>Sterilization Process</b>	273°F (134°C) / 2 bars / 20 minutes
<b>Water Extractor Press</b>	60 bars (performance level measured and guaranteed in HID's laundry tests and conditions)
<b>Chemical Resistance</b>	All standard chemicals used in laundry process
	<b>OTHER</b>
<b>Standards</b>	UHF EPC Class 1 Gen 2, ISO 18000-63
<b>Certifications</b>	OEKO-TEX® Standard 100 Level 1 MR-Conditional
<b>Box Size</b>	200 pcs.
<b>Personalization</b>	Unique EPC code (unlocked). Custom encoding possible Can be laser-marked with TID.
<b>Warranty</b>	200 washing cycles (according to ISO 15797:2017) or 3 years or up to 100 sterilization cycles

For more information, contact:  
[tagsales@hidglobal.com](mailto:tagsales@hidglobal.com)



hidglobal.com

North America: +1 512 776 9000 | Toll Free: 1 800 237 7769  
Europe, Middle East, Africa: +353 91 506 900  
Asia Pacific: +852 3160 9800 | Latin America: +52 55 9171 1108

For more global phone numbers click here

© 2023 HID Global Corporation/ASSA ABLOY AB. All rights reserved.  
2023-07-13-idt-ts-lintrak-c15s-mri-m730-ds-en PLT-07270  
Part of ASSA ABLOY