

# LinTRAK® C15H-M730

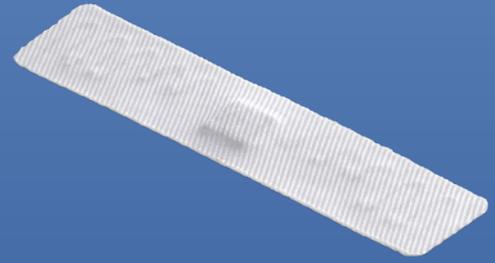
## UHF tags for Textile Services

HID Global's LinTRAK® ultra-high frequency (UHF) radio-frequency identification (RFID) tags have been specifically designed to identify linen and textile products; due 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 design securely positions the inner chip relative to the antenna, which guarantees consistent performance over the life of the tag.

LinTRAK C15H-M730 is a heat-sealable RFID tag, ideally suited for garments and uniform identification and tracking. It attaches directly and effortlessly onto linen items and garments, when heat-sealing

instructions are followed. Based on the latest generation IC, LinTRAK C15H-M730 provides excellent read performance and a 40% read range improvement compared to its predecessor LinTRAK C15H. In addition, it offers low minimum activation power to support densely stacked conditions.

LinTRAK tags are compliant with EPC global UHF Class 1 Gen 2 and ISO 18000-63 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.



### KEY BENEFITS:

- Specifically designed to identify textile products
- Heat-Sealable
- Resistant to harsh laundry environments
- Utilizes the latest generation IC for best performance

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

# LinTRAK<sup>®</sup> C15H-M730



## KEY TECHNOLOGY HIGHLIGHTS:

- RAIN RFID EPC Class 1 Gen 2 and ISO 18000-63
- High water, chemical, heat and pressure resistance
- Guaranteed to withstand 200 commercial washing cycles or 3 years
- OEKO-TEX<sup>®</sup> Standard 100 Level 1 certified

LinTRAK C15H-M730	
<b>Base Model Number</b>	TL730E03H
	<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 21.3 ft (6,5 m)
	<b>PHYSICAL</b>
<b>Length x Width +/- 0.02 in (0,5 mm)</b>	2,7 x 0,6 in (70 x 15 mm)
<b>Thickness +/- 0,008 in (0,2mm)</b>	0.073 in (1,86 mm) on chip location only. Rest of tag is 0.02 in (0,5 mm)
<b>Mounting Method</b>	Heat-seal at 399°F (204°C), 4-5 bars, during 14 seconds. Allow a 5-minute cool down period before introducing the newly RFID-enabled item into harsh laundry processes
<b>Material</b>	UHF module: encapsulated chip, epoxy / Antenna: multithreads, stitched, stainless steel / Fabric label: woven polyester, polyurethane and long fiber paper
<b>Color</b>	White
	<b>WASHING</b>
<b>Maximum Temperature</b>	428°F (220°C) / 30 seconds
<b>Exposure</b>	2,5 bars (36,25 PSI)
<b>Tunnel Washer</b>	194°F (93°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) / 20 minutes
<b>Water Extrator 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>Certification</b>	OEKO-TEX <sup>®</sup> Standard 100 Level 1
<b>MOQ</b>	2000 pcs.
<b>Personalization</b>	Unique EPC code (unlocked). Custom EPC range & locking on request.
<b>Warranty</b>	200 washing cycles or 3 years



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