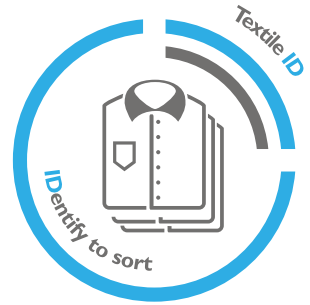


UHF LAUNDRYCHIP™ 40 I

Unsurpassed reading performance
in the slimmest LaundryChip™ ever!



Benefits:

With excellent bulk-reading performance and the highest level of thermal and mechanical resistance, this new UHF generation transponder, with the thickness halved and the width reduced by 33%, can now be inserted into the narrow hems of tiny flat linen items as well as into the finest garments (making it widely suitable for private wear). The extraordinary no-wear feeling and unnoticeable look greatly improves the comfort of wearing a transponder.

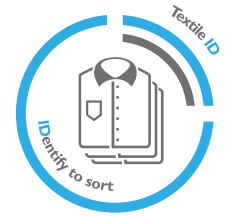


Product Info:

- **SMALLEST DIMENSIONS**
- **IMPROVED FLEXIBILITY**
- **BEST READING PERFORMANCE:** ultra-high density bulk reading.
- **STRONGER THAN EVER:** tested in real-world laundries and guaranteed for 200 washing cycles with water extractors up to 60 bar.
- **ISO 18000-6C COMPLIANT**
- **FULLY COMPATIBLE** with the 30I LaundryChip™ family.
- **CERTIFICATIONS:** MR conditional and OEKO-TEX® certified.
- **AVAILABLE IN 3 VERSIONS:** Source Tagging (sewn), Patchable (heat-sealable) and in Pouch. Further option: laser markable with the EPC code.

UHF LAUNDRYCHIP™ 40I

FT40I-ST / FT40I-PA / FT40I-POUCH



Technical Data

40I Source Tagging FT40I-ST

40I Patchable / 40I in Pouch FT40I-PA / FT40I-Pouch



Tag Dimensions (L x H x W)	70 x 10 x 1.3 mm	70 x 15 x 1.3 mm
Tag Weight (approx.)	0.30 g	0.40 g
Tag Materials	50/50 polycotton or full polyester	
Tag Warranty	First of 200 wash cycles or 3 years from ship date	
Tag Memory	96 or 128 bits EPC	
Read Distance	Up to 6 meters (up to 19 feet)	
Operating Power	Passive, operates through antenna's RF field	
Operating Frequency	865 - 928 MHz	
Typical washing cycle	Washing: +90°C (194°F), 15 minutes Drying: +180°C (356°F), 3 minutes Ironer: +200°C (392°F), 12 seconds Water Extractor: 60 bar, 80 seconds	
Autoclave	Air removal: +100°C (+212°F), 5 minutes, 0.1 bar Sterilizing: +134°C (+273°F), 10 minutes, 3.25 bar Drying: +45°C (+113°F), 15 minutes, 0.2 bar	
Patching instructions	+204°C (399°F), 12 seconds, 0.5 kg/cm ²	
Storage Temperature	-40°C to +120°C (-40°F to +248°F)	
Chemical Resistance	All Chemicals common to the washing process	
Compliance	ISO/IEC 18000-6C EPC Class 1 Gen 2	
OEKO-TEX® certification:	Standard 100, product class II	
MRI certification:	MR Conditional (1.5T and 3T)	
FT40I is also available in "unlocked memory" version (FT40I UL) and with custom EPC range on request.		

Standard Tag Pouch

- Material: 100% polyester
- Dimensions: 27 x 80 mm (1.06" x 3.15")
- Up to 4 colors embroidery
- Custom sizes available
- Minimum order quantities apply for customization