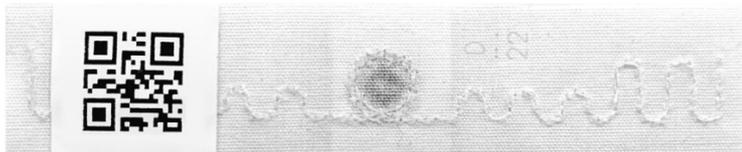# UHF LAUNDRYCHIP™ 40I PA with 2D code
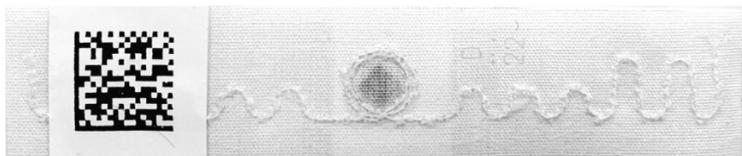
The best UHF LaundryChip™ with a smartphone-readable 2D code!

FT40I PA QR and FT401 PA MX

FT401 PA QR

FT PA 401 MX

OEKO TEX® STANDARD 100 16CX00017 CENTROCOT

MR

Product info

- Available with Datamatrix or QR code

- PA version, heat-sealable

- 2D codes readable by any smartphone

- Patented double loop antenna to guarantee outstanding electrical performance in an incredibly small size

- MR conditional and Oeko-Tex® certified

- Best UHF reading performance: ultra-high-density bulk reading.

- Designed for workwear and private wear identification.

Product Description

Providing both a smartphone readable solution combined with top of the range UHF reading performances the FT401 PA MX and FT401 PA QR are the perfect solutions when the tags need to be read while no UHF reading system is not always available. The tags are proposed in two versions (QR code or Datamatrix) with the 2D code containing the EPC of the UHF code and are designed to for workwear and private wear identification. Customizations of the 2D code is also possible in order to link the 2D code to a website or any other piece of information. As for standard Datamars UHF LaundryChips™, these products exhibit state-of-the-art UHF reading performances and outstanding mechanical resistance in an extremely thin form factor. The extraordinary no-wear feeling greatly improves the comfort of wearing a transponder.

textile ID™ DATAMARS

textile-id@datamars.com
www.textile.datamars.com

UHF LAUNDRYCHIP™ 40I PA with 2D code

FT40I PA QR and FT401 PA MX

Technical data

Tag Dimensions (L x W x H)	70 x 15 x I.3 mm
Tag Weight (approx.)	0.40 g
2D code	Datamatrix or QR, up to 25 alphanumeric characters
Tag Material	polycotton
Tag Warranty	First of 200 wash cycles or 100 autoclave cycles or 3 years from ship date
Tag Memory	96 bits EPC
Data retention	min 50 years
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 (I94°F), I5 minutes Drying: +I80°C (356°F), 3 minutes Roll ironer not supported Water Extractor: 60 bar, 80 seconds
Autoclave	Air removal: +I00°C (+2I2°F), 5 minutes, 0.I bar Sterilizing: +I34°C (+273°F), I0 minutes, 3.25 bar Drying: +45°C (+II3°F), I5 minutes, 0.2 bar
Patching instructions	+204°C (399°F), 12 seconds, 0.5 kg/cm2
Storage Temperature	-40°C to +85°C (-40°F to +185°F) in a dry environment protected from sunlight
Chemical Resistance	All Chemicals common to the washing process
Compliance	ISO 18000-63
Certifications	OEKO-TEX® Standard 100 product class II, MR Conditional (I.5T - 3T)

Ordering information

FT401-PA MX	950 0200-418	FT401 patchable with **Datamatrix code**
FT401-PA QR	950 0200-419	FT401 patchable with **QR code**

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www.textile.datamars.com