



# New UHF laundrychip™ 401

Unsurpassed  
**reading performance**  
in the **slimmest**  
LaundryChip™ ever!

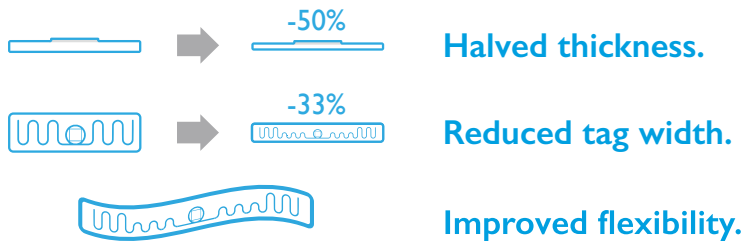


**textileID**  
DATAMARS

# A NEW DISRUPTIVE LAUNDRYCHIP™ GENERATION

The best **reading performance** and endurance in the **harshest** laundry conditions... in an **incredibly small size!**



## WHAT'S NEW?



**...with no compromise on reading performance!**



# WHAT ARE THE BENEFITS?

 **Imperceptible** and **unnoticeable!**  
 Extraordinary **no-wear feel** for **extreme comfort!**

...perfect for insertion into the **narrowest hems**  
of the **finest flat linen**



and into **all kind of garments**  
(private & work wear)



New UHF  
**laundrychip™**  
401



# DATAMARS UHF LAUNDRYCHIP™

The LaundryChip™ was **invented by Datamars in 1990**, the **first RFID transponder** specifically designed for the **industrial laundry sector**.

Over the years Datamars has continued to innovate, developing a vast range of strong and robust transponders in different sizes and packages up to the latest **multi-read UHF LaundryChip™**, developed for **high-volume bulk-read applications** and composing the 30I and 40I lines.

laundrychip™

**30I**

**40I**

**NEW!**



# 40I: PRODUCT INFO



## SMALLEST DIMENSIONS:

1.3 mm thick.  
10 mm wide (15 mm in the patchable version).  
70 mm high.



## IMPROVED FLEXIBILITY



## CERTIFICATIONS:

MR conditional (1.5T and 3T).  
OEKO-TEX® Standard 100 Class II.



Fully **COMPATIBLE WITH THE 30I**  
LaundryChip™ family.



## BEST READING PERFORMANCE:

Ultra-high density bulk reading.  
Read distances of up to six meters  
(or 19 feet).



## STRONGER THAN EVER!

Tested in real-world laundries  
and guaranteed for over **200 washing  
cycles with water extractors up to 60 bar**.  
Resistant to high temperatures  
**(up to 200°C)**.  
Resistant to **autoclave**.  
Suitable for **all industrial laundry applications**  
(including dry-cleaning and clean room).



## ISO 18000-6C COMPLIANT

## AVAILABLE IN 3 VERSIONS

according to your application needs:



**40I SOURCE TAGGING** (sewn).



**40I PATCHABLE** (heat-sealable).



**40I IN POUCH**.

Further option: **LASER MARKABLE**.



## ABOUT DATAMARS

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Datamars is one of the **leading global suppliers** of high performance unique identification solutions, specializing in radio frequency identification **(RFID) technology.**

With almost **30 years** of innovation and leadership in RFID, Datamars is a **pioneer in electronic textile identification** solutions for the industrial laundry process, developing important **RFID-based patents & trademarks, inventing the LaundryChip™ in 1990**, and offering the most complete range of RFID identification solutions today.

Discover more on: [www.textile.datamars.com](http://www.textile.datamars.com)

Contact us at: [textile-id@datamars.com](mailto:textile-id@datamars.com)

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