







# 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™

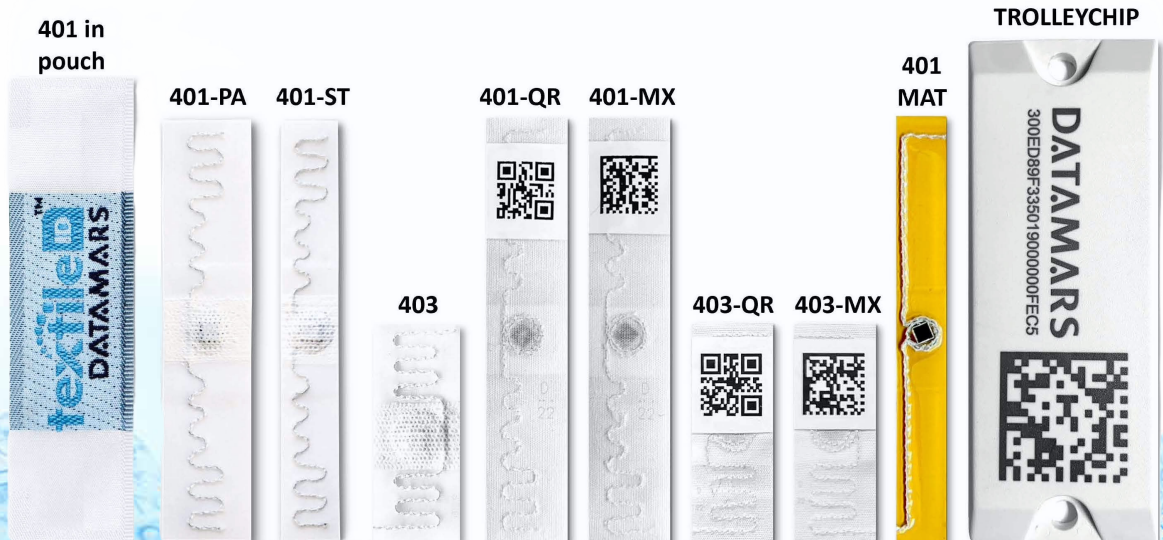
The LaundryChip™ was **invented by Datamars in 1990**, the **first RFID transponder** specifically designed for the **industrial laundry sector**.

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 LaundryChips™**  
developed for **high-volume bulk-read applications**.

laundrychip™

PATENTED DOUBLE LOOP ANTENNA



# 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.



STANDARD  
100

16CX00017  
CENTROCOT



## 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 **35+ 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)

Your  
**RFID**   
partner

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