

HOW TO PROPERLY AFFIX UHF **laundrychip™**

Customers have a few different options for applying **Datamars UHF LaundryChips™ 401 or 403** to textiles. Determining which method will yield the best results will depend on your textile type, and on the laundry processes that will be used. Our experts would be happy to assist you when selecting the best process for your application.

Here are a few tips that will help ensure the best possible results regardless of which application is chosen:

- **For flat linen items**, place the tag away from the textile folding lines, close to the textile corners, to not compromise its performance. **For garments**, as general rule, follow the same but additionally, a full evaluation should be performed with all involved stakeholders (textile provider, laundry, final user), considering the reading system in use (sorting conveyor, dispensing system...) and the specific kind of garment.
- Seams must **NEVER** pass through the central core module of the transponder.

[WATCH OUR TAG ATTACHMENT TUTORIAL VIDEO!](#)

ST (SOURCE TAGGING)

FT401-ST, FT403

- To be sewn into the hem of a textile by the manufacturer.

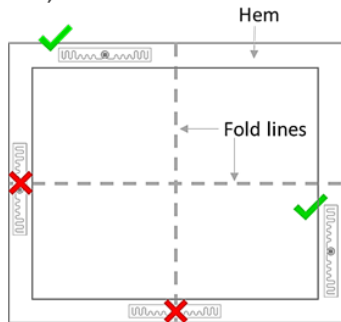


• How to sew it?

1. Place the tag **INSIDE** the textile hem. Fix the tag using 2 perpendicular sewing lines over tag's extremities.
2. When sewing, stay **WITHIN** 0,5 cm from the tag's borders.
3. If you sew over the antenna wire extremities, pay attention to not damage your sewing equipment. Seams must **NEVER** pass through the tag's core module.



- **Where to sew it?** Place and sew the transponder away from the folding lines, as indicated below:



IN POUCH

FT401-Pouch

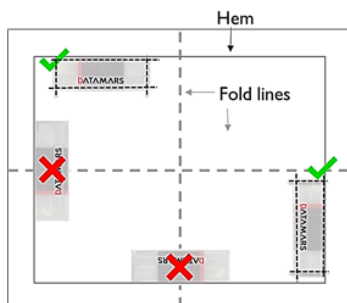
- To be sewn on the textile like a standard care label



- **How to sew it?** Place the pouch **BELOW** the hem. Fix the pouch using 4 sewing lines: one along each side. Seams must **NEVER** pass over the tag's antenna wire or its core module.



- **Where to sew it?** Place and sew the transponder away from the folding lines, as indicated below:



PA (PATCHABLE)

FT401-PA, FT403

- to be heat-sealed directly onto the textile at +204°C (399°F), for 12s, applying a pressure of 0.5 kg/cm².

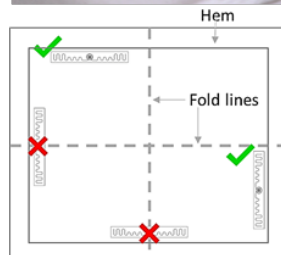


• How to heat seal it?

1. Place textile (that must be clean and dry) under the heat-sealing machine:



2. Place the adhesive part of the tag on a flat surface of the textile, avoiding any relief and folding line



Complete heat-sealing instructions on www.textile.datamars.com/heatsealing