

HOW TO PROPERLY AFFIX THE LAUNDRYCHIP 40I TO LINEN



Customers have a few different options for applying Datamars UHF LaundryChip™ 40I 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:

- Always place transponders close to the corners of the textile
- Seams must NEVER pass through the central core module of the transponder.
- Do not place the transponder along the fold lines of the item to not compromise its reading performance.

SOURCE TAGGING (FT40I-ST)

- It can be sewn into the hem of a textile by the manufacturer, this operation is known as 'source tagging'.

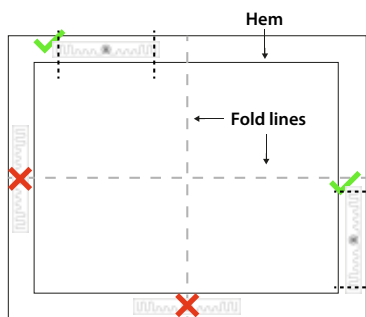


- **How to sew it?** The transponder should be secured to the textile using two perpendicular sewing lines. Sewing on top of the stainless steel antenna will not affect transponder performance but may damage sewing equipment.

Sewing Lines



- **Where to sew it?** This is the recommended placement:



IN POUCH (FT40I-Pouch)

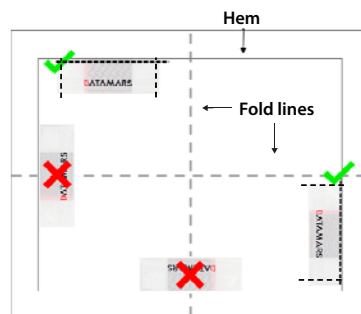
- It can be sewn below the seam of a textile in a customizable pouch.



- **How to sew it?** The pouch must be fixed to the textile using 3 sewing lines: one short line along each side, and one long line along the top.



- **Where to sew it?** This is the recommended placement:



PATCHABLE (FT40I-PA)

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

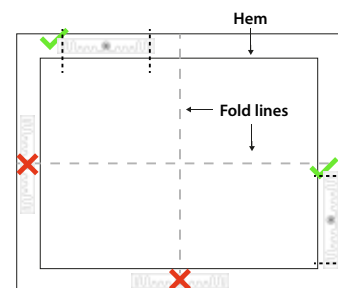


- **How to heat seal it?**

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



2. Place the adhesive surface of the 40I directly on the textile and close to the corners of the item:



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