


## «Textile tags» Integration guidance



What can a garment label  
do for your brand?

Use your brand with integrated intelligence

# Introduction

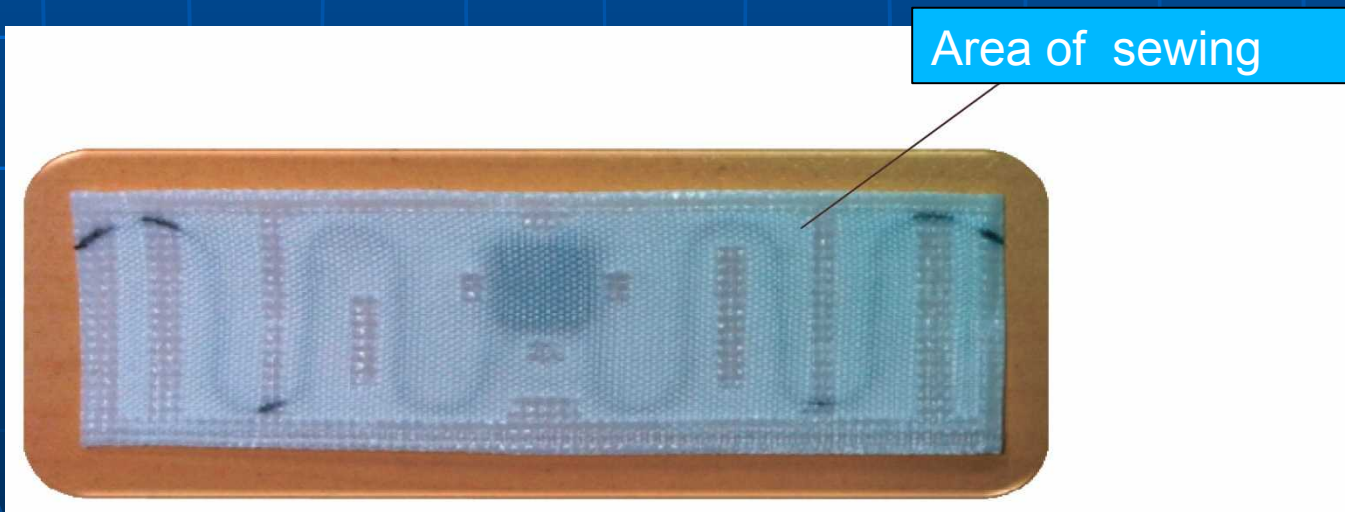
This guidance contains the information how to embed Textile tags into textile products. Observance of these guidelines will allow to have a perfect configuration for reading Textile tags and guarantee its work throughout the service life of textile products.



# Sewing «Textile tags» in textile products

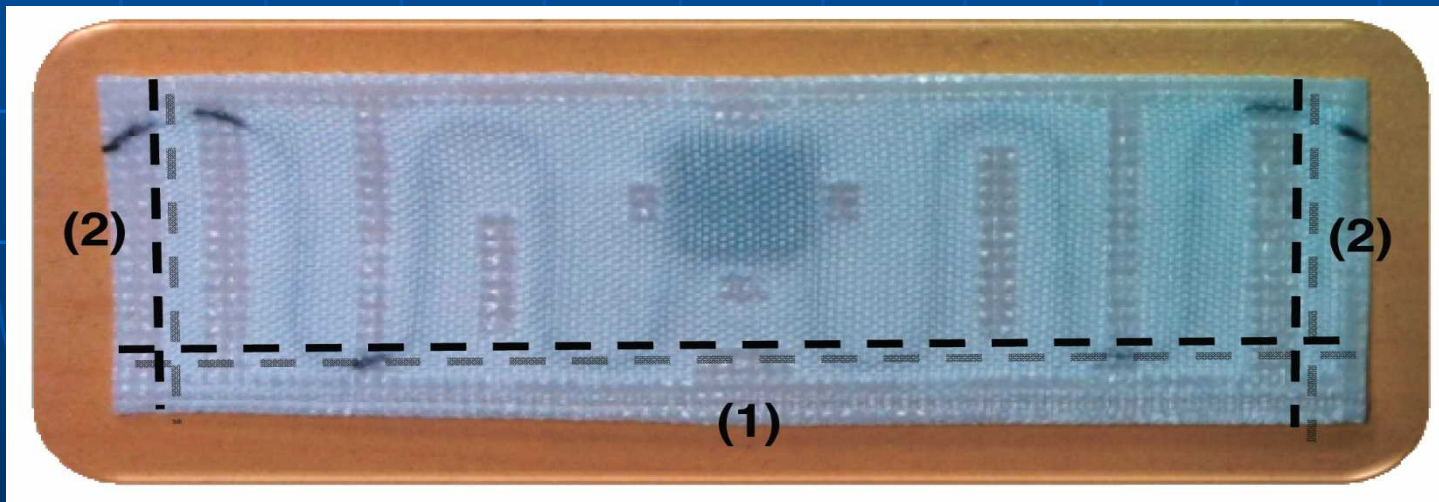
## Sewing zone

«Textile tag» is supposed to be sewn directly on/into a garment fabric. In the following figure you can see areas of sewing that can be used without any harm to “Textile tag” productivity. Please note that polyester and metallic threads are applicable for use.



## Guidelines

FRESH suggests sewing «Textile tags» by the long edge (1) or by other two short edges (2). When it's fixed as demonstrated in the figure below, «Textile tag» will remain flat during the washing cycles and provide the better productivity for RFID reading.



## Heat setting for «Textile tags»

Alternative fixation for «Textile tags» can be done by heat-activated labels. «Textile tags» are able to resist heat up to 200°C within 20 seconds and pressure up to 5 bars.

FRESH suggests using heat-activated labels of a bit bigger size than “Textile tag” itself. It should be 2 mm longer from each side or even more. In case of heat-activated labels usage, please make sure that they correspond to washing and ironing processes.



# Insert of a «Textile tag» into a pouch/pocket along with a brand name.

Another alternative fixation of a «Textile tag» is a pouch/pocket. The size of a pouch/pocket should be 2 mm longer from each side – this is a minimal size for an easy application of a “Textile tag”. A pouch/pocket should be directly sewn on/in a textile garment.

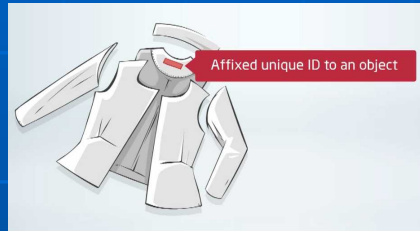
Insert of a «Textile tag» into an enclosed pocket.



«Textile tag» can be inserted into an enclosed pocket, initially existing on a manufactured garment. The label is completely hidden and protected by fabric.



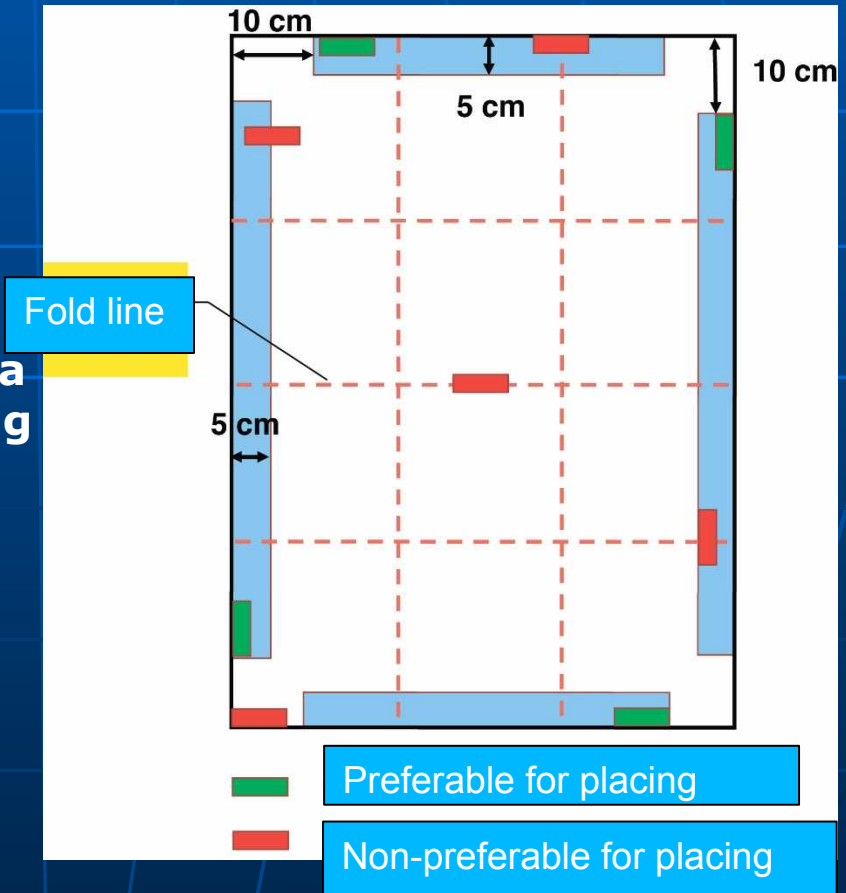
# «Textile tag» incorporated into brand's label.



## How to fix a «Textile tag» on flat linen

The blue color shows a preferable zone for fixing "Textile tags" on a bedsheet.

«Textile tag» should not be cut by a feed mechanism (feeder), by ironing or folding machines.  
Do not fix «Textile tags» on fold lines.

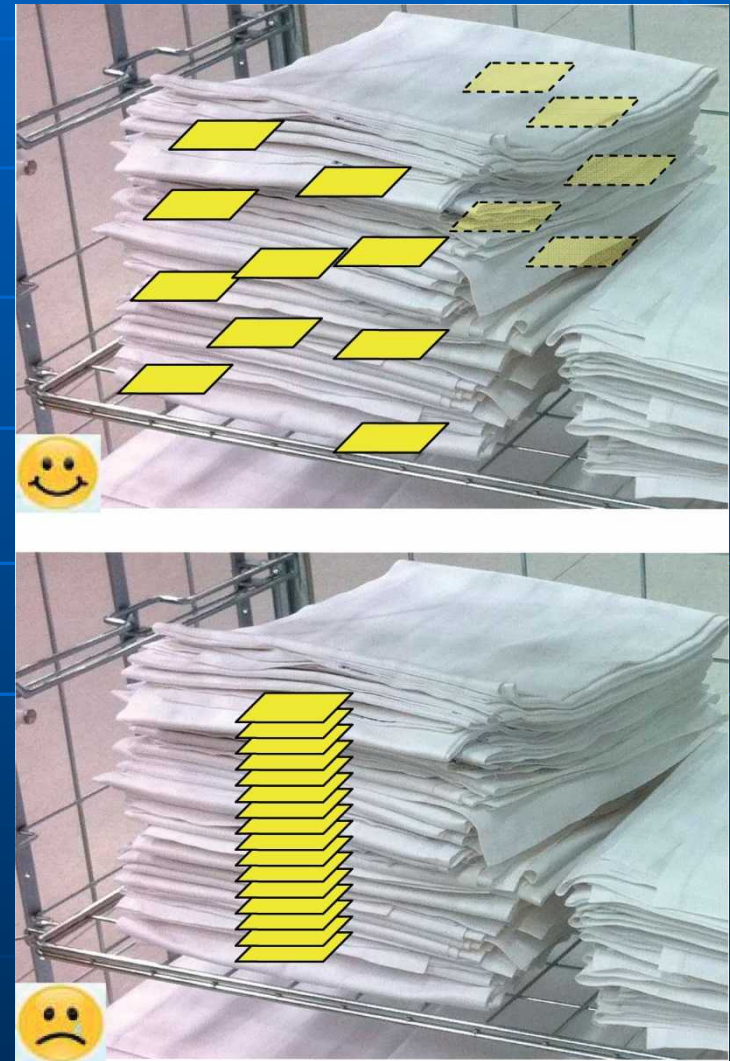


## «Textile tags» broad-ranging positioning

To achieve optimal reading of tags in folded clothing, it's better to vary positioning of tags on textile in order to avoid perfect alignment of tags. How to fix "Textile tags" on bedsheet.

As a rule, bedsheet have seams/bends/edges/hemlines. We suggest inserting "Textile tags" under a seam/bend/edge/hemline when it's possible. The following pictures demonstrate the samples of fixation for "Textile tags". A "Textile tag" is sewn into a seam/bend/edge/hemline with an allowance of 4 cm from the edge. A "Textile tag" is sewn on a seam/bend/edge/hemline with an allowance of 4 cm from the edge.

A «Textile tag» is manually inserted with an allowance of 4 cm from a seam/bend/edge/hemline then it can be sewn in a seam/bend/edge/hemline.





## How to fix «Textile tags» on towels

### Guidelines:

As a rule, towels and bathing linen have seams/bends/edges/hemlines that vary from 10 up to 15 mm.

In this case we suggest inserting «Textile tags» partially under a seam/bend/edge/hemline. The following pictures demonstrate the samples of fixation for “Textile tags”.

A «Textile tag» with an allowance of 1 cm from the edge is sewn in under a seam/bend/edge/hemline.

A «Textile tag» is sewn in with an allowance of 1 cm along a seam/bend/edge/hemline. It's possible to insert a “Textile tag” into a pouch/pocket and sew it in under a seam/bend/edge/hemline.



## How to fix a «Textile tag» on a table linen.

As a rule, a table linen has seams/bends/edges/hemlines that vary from 10 up to 15 mm.

We suggest inserting «Textile tags» partially under a seam/bend/edge/hemline.

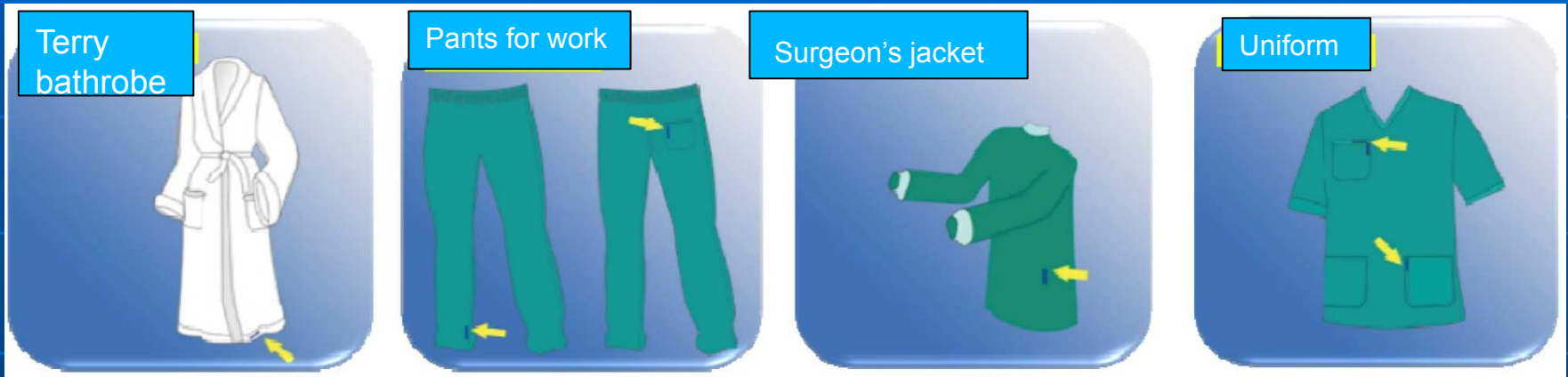
The following pictures demonstrate the samples of fixation for “Textile tags”.

A «Textile tag» with an allowance of 1,5 cm from the edge is sewn in under a seam/bend/edge/hemline.

A «Textile tag» is sewn on both edges along a seam/bend/edge/hemline. A «Textile tag» is inserted into a pouch/pocket and sewn in with an allowance of 1 cm from the edge under a seam/bend/edge/hemline.

## How to fix a «Textile tag» on clothing

The preferable fixation of a «Textile tag» on clothes is demonstrated in the picture below. A «Textile tag» should not be folded/bended. Do not fix a "Textile tag" on the spot of a fold line.



Positioning of a «Textile tag» on clothing. Positioning of tags depends on reading stations. E.g., if you plan to read tags at the loading station, a tag and antenna should be located in the front part of the clothing, in case when a garment includes a hanger.



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