

MARKING METHODS

In general, clothing items can be labeled in a variety of ways. THERMOTEX offers the following solutions for this purpose:

- Label with information about the wearer (e.g., building, name, etc.)
- Label with barcode or Datamatrix code
- RFID technology: HF and UHF transponder

TYPES OF TEXTILES

In general, it's possible to label all common textiles with textile labels. Textiles with a membrane or synthetic fibres are less suitable, as they may melt at high temperatures. If in doubt about the textile's heat resistance, test it first on a hidden area or the back side.

Do **not** mark the following types of textiles with a heat-seal machine:

- Very heat-sensitive textiles containing polychloride fibers, chlorofibers, or materials with PVC content.
- Pure new wool (100 %)

POSITION OF THE LABEL

To ensure that the label bonds properly with the fabric during the heat seal process, it is important to choose a suitable position on the textile. A smooth and seam-free surface offers the best conditions for heat sealing. A smooth, seamless surface is ideal. For coarse-meshed fabrics, it is especially important to select an area where the weave is denser. Otherwise, it is possible that the label detaches from the textile.

HEAT SEAL PARAMETER

The combination of time, temperature, and pressure makes it possible to apply patches to various types of textiles. Depending on the fabric material, washing method, or the condition of the equipment, both temperature and heat sealing time can be adjusted.

Consumables	Temperature	Heat seal time
CT 2006 / 2026	204 °C	12 sec.
CT 2008	204 °C	12 sec.
CT 2009	180 ° - 204 °C	12 sec.
CT 2041 / 2042	204 °C	12 sec.
Fixtexx 2026	204 °C	15 sec.
Fixtexx 2009	204 °C	12 sec.
Fixtexx 2041 / 2042	204 °C	15 sec.
Haftex	204 °C	12 - 15 sec.
PC 0600 / PC 0601	204 °C	12 sec.

WOHNEBENE 5
S. Maier

THE THREE
HEAT SEAL
PARAMETERS

Time

Temperature

Pressure



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LABELING



THERMOTEX
MARKING THE FUTURE

LABELS FOR RESIDENTS' LAUNDRY

CORRECTLY LABELING RESIDENTS' LAUNDRY

MARKING WITH LABELS

- ▶ Pay attention to the **distance from the seam** (approx. 1 cm clearance)
If possible, **do not place directly on the waistband, collar or stretchable parts** (e.g., elastic)
- ▶ Exception: Socks and underwear
Position the label so that it is **as comfortable as possible for the wearer**
- ▶ Pay attention to the **material properties of the textile** (the label may show through on transparent fabrics)
- ▶ Heat-seal heat-sensitive fabrics using a **heat-protection cover plate**

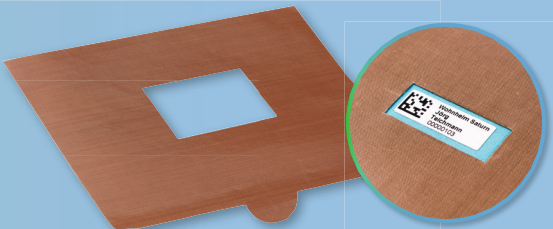


TOOLS FOR HEAT SEALING



The lower plate ensures an optimal heat seal result. Its size is matched to the label format, helping to minimize heat exposure on the fabric.
Tip: When in doubt — the smaller, the better.

If the lower plate shows significant wear, it should be replaced.



The heat protection cover protects heat-sensitive fabrics (e.g., nylon, softshell, etc.) from damage during heat sealing. The dimensions of the cut-out are custom-made upon request.

JACKETS



At the collar **below** the care label (1) or at the end of the button placket (2) **on the inside right** (from the wearer's perspective)

KNITWEAR

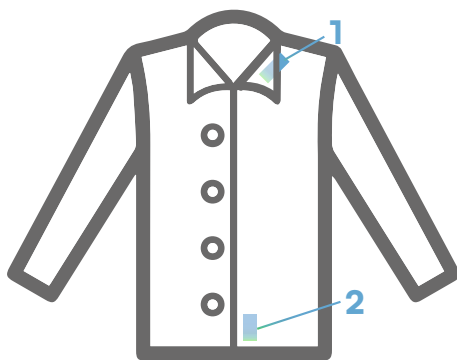


On the collar **below** the care label



At the end of the button placket **inside left** (from the wearer's perspective)

BLOUSES & SHIRTS

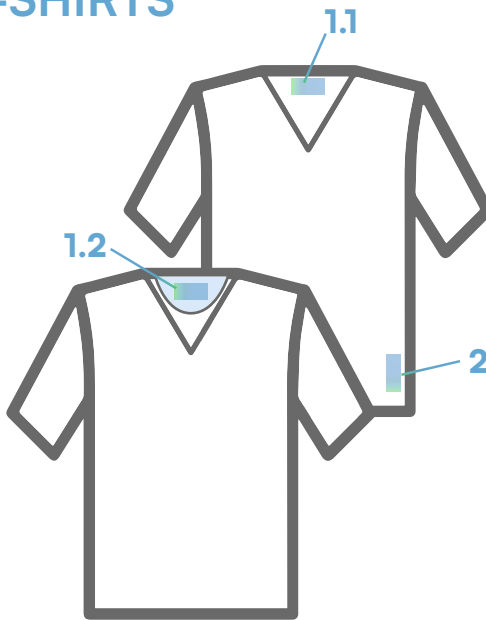


Under the collar



At the end of the button placket **inside left** (from the wearer's perspective)

T-SHIRTS



Under the care label

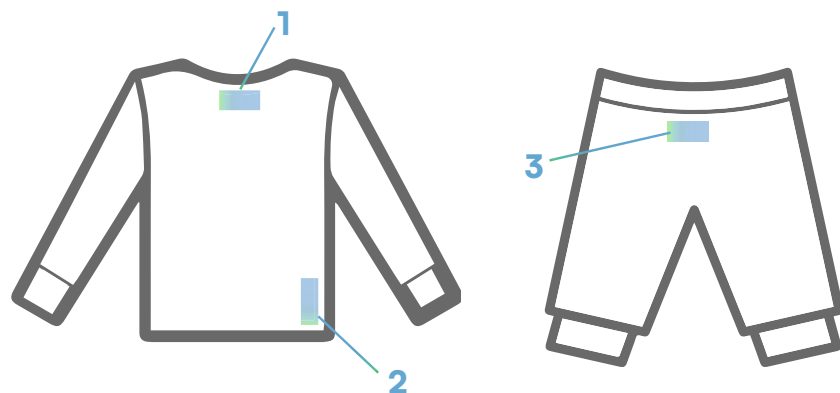


On the collar



Inside left (from the wearer's perspective)

NIGHTWEAR



Top: on the collar **under** the care label

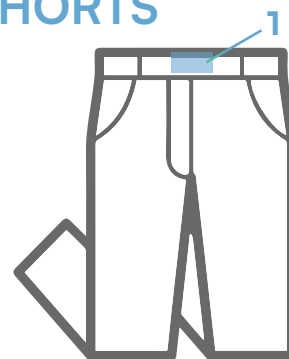


Top: **inside left** (from the wearer's perspective)



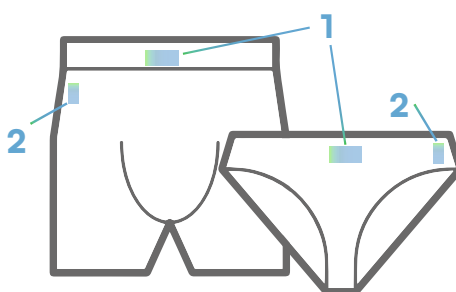
Bottom: **below** the waistband **on the inside**

TROUSERS & SHORTS



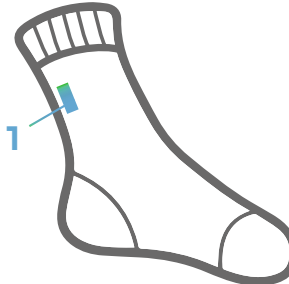
On the inside of the waistband

UNDERWEAR



Below the back waistband (1) or **inside left** (2) from the wearer's perspective

SOCKS



On the back **inside (not visible)** or optionally **outside (visible)** at the side