

TEXTILE MANUFACTURERS

PPE | WORKWEAR | SPORTS & FASHION | CONTRACT LAUNDRY | FOOTWEAR



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TEXTILE MANUFACTURERS

Successful textile management requires perfect textile labelling. For more than 30 years THERMOTEX has been offering high-quality machines, the best equipment and excellent services. With experience, know-how and consistent quality management in accordance with DIN ISO 9001, THERMOTEX has established itself among the market leaders in the European market.

Whether its contract laundry, personal protective equipment, shoes, professional, fashion or sportswear: THERMOTEX provides you with complete system solutions with personal advice on your own premises. We introduce you to our products from the segments of labelling, finishing, identification and machines.

THERMOTEX. The next Generation

OUR TEXTILE MANUFACTURERS HOUSE

THE HOUSE WITH ITS PERSONAL SPACE

At THERMOTEX you will always find what you need; just like in your own home. In which area of our house can you see yourself? With the help of the page numbers and the corresponding icon, you can quickly find the products you are looking for. Enjoy browsing!



CONTRACT LAUNDRY

LABELLING

- ☐ Care labelling: NT, PS, PT, Ecoflex (p.7-8)
- ☐ Woven labels (p.8)
- ☐ CT2009 (p.9)
- ☐ Special heat-seal ink ribbons (p.12)

IDENTIFICATION & RFID-TECHNOLOGY

- ☐ RFID-Technology: HF & UHF (p.23-29)



PERSONAL PROTECTIVE EQUIPMENT

LABELLING

- ☐ Care labelling: NT, PS, PT, Ecoflex (p.7-8)
- ☐ Woven labels (p.8)
- ☐ CT4000 (p.9)
- ☐ Strap tape, CT tape coloured (p.10)
- ☐ Name labelling (p.11)
- ☐ Special heat-seal ink ribbons (p.12)

TEXTILE FINISHING

- ☐ Ecoflex (p.8)
- ☐ Emblems (p.13-22)

IDENTIFICATION & RFID-TECHNOLOGY

- ☐ Barcodes (p.24)
- ☐ RFID-Technology: HF & UHF (p.23-29)
- ☐ UHF self-adhesive labels, paper hang tags (p.28-29)

PPE



PPE



WORKWEAR

LABELLING

- ☐ Care labelling: NT, PS, PT, Ecoflex (p.7-8)
- ☐ Woven labels (p.8)
- ☐ Name labelling (p.11)

TEXTILE FINISHING

- ☐ Ecoflex (p.8)
- ☐ Emblems (p.13-22)

IDENTIFICATION & RFID-TECHNOLOGY

- ☐ Barcodes (p.24)
- ☐ RFID-Technology: HF & UHF (p.23-29)
- ☐ paper hang tags (p. 29)



SPORTS & FASHION

LABELLING

- ☐ Care labelling: NT, PS, PT, Ecoflex (p.7-8)
- ☐ Woven labels (p.8)

TEXTILE FINISHING

- ☐ Ecoflex (p.8)
- ☐ Emblems (p.13-22)

IDENTIFICATION & RFID-TECHNOLOGY

- ☐ UHF self-adhesive labels, paper hang tags (p.28- 29)



FOOTWEAR

LABELLING

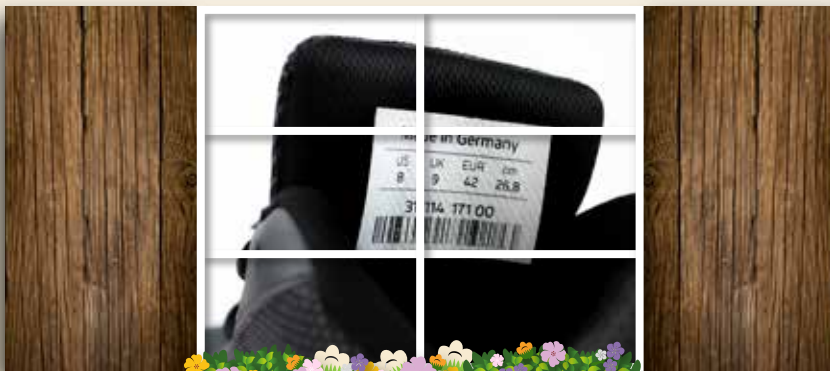
- ☐ NT (p.7)
- ☐ CT2009 (p.9)
- ☐ Strap tape (p.10)

TEXTILE FINISHING

- ☐ Ecoflex (p.8)
- ☐ Emblems (p.13-22)

IDENTIFICATION & RFID-TECHNOLOGY

- ☐ UHF self-adhesive labels (p.28)



LABELLING

Textile labelling is a must in your workflow. From the care label to the name tag: The right combination of ink ribbon and material tape with the correct printer system determine the lifetime of your labelling. Therefore, rely directly on high-quality materials and machines for an optimal workflow. Your wallet will thank you for it in the long-term!

THERMOTEX. The next Generation

CARE LABELLING

MARKING TAPES AND INK RIBBONS FOR THE CLOTHING AND MANUFACTURING INDUSTRY

The perfect printing result, the highest degree of wash-resistance and resistance to abrasion – this is what the marking tapes and ink ribbons offer in combination with the appropriate printing system. The clothing manufacturing sector in particular places great demands on the labels used. **On request, we can also supply pre-printed care labels ready for sewing in!**

**OVERVIEW OF ALL
COLOURS AVAILABLE ON
REQUEST**

POLYESTER SATIN TAPE (PS)

SOFT QUALITY

NYLON TAFETTA TAPE (NT)

AVAILABLE IN
VARIOUS QUALITIES

POLYESTER TAFFETA TAPE (PT)

WASH-RESISTANT, FOR SEWING IN



- available in various qualities and colours
- PS08, PS09, PS10, PS11, PS15, PS16, PS17, PS22, PS23: tested for harmful substances pursuant to Oeko-Tex Standard 100

- thin, smooth surface
- NT01 + NT41P: tested for harmful substances pursuant to Oeko-Tex Standard 100
- NT08: available with coloured side stripes on request

- tapes for double-sided printing
- robust, smooth surface
- a high level of comfort
- PT01, PT03, PT09: tested for harmful substances pursuant to Oeko-Tex Standard 100



PS tape in polo shirt



Nylon taffeta type in welder apron



Coloured PS tape in the towel



ECOFLEX

FOR PT-COMPACT 2



Further use: as textile finishing for sportswear

- ☐ fast and very high quality labelling of textiles.
- ☐ individually designed motifs such as logos or care instructions
- ☐ multicolour, fine and freely-designed motifs possible
- ☐ transfer time approx. 2 seconds
- ☐ quality like FTC-Emblem



FOR HIGH VOLUMES



Care instructions and logo in polo shirt



Printed with the PT-Compact 2



Marking in underwear

WOVEN LABELS



Our woven labels are extremely robust and are available in various qualities, e.g. in polyester, taffeta, satin, etc.

- ☐ for sewing on or heat sealing
- ☐ ready-cut or on rolls
- ☐ various dimensions, depending on application



Manufacturer's label in a T-shirt



Fashion label in the collar of a shirt

CT-TAPE



CT 2009

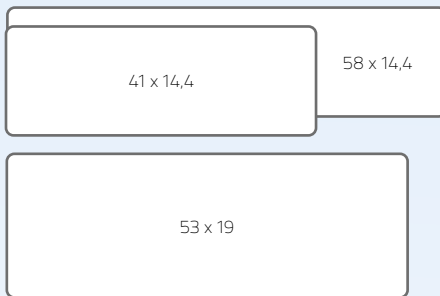
SOFT, ELASTIC

- ☐ suitable for mangling: no
- ☐ without weave
- ☐ opaque, thin
- ☐ highly wash-resistant
- ☐ colour: pure white



PRE-CUT FIXTEXX-DIMENSIONS in mm

Roll length: 12,5m, 25m, 50m



CONTINUOUS ROLLS in widths:

20mm, 30mm, 40mm, 50mm, 60mm,
80mm, 88mm (further widths on request)

SLASHED LABELS FOR FOOTWEAR

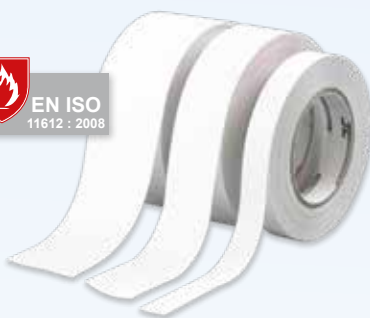


Care label in the shoe

O. Williams
Room 206



Label tray with care labels



CT 4000

FOR PPE CLOTHING

PPE

- ☐ flame-retardant
- ☐ very solid
- ☐ highly wash-resistant
- ☐ colour: warm white
- ☐ roll length: 50m (continuous)



Flame-retardant labels in welder's gloves with manufacturer information



Labelling by wearer information



Labelling by barcode

STRAP TAPE 5000 (GB)

MORE TEAR AND WEATHER RESISTANT

STRAP TAPE 2006 (GB)

WEATHER AND ABRASION-RESISTANT

CT TAPE (COLOURED)

MARKING TAPE



The strap tape 5000 impresses with its extreme tear and notch resistance. It is particularly suitable for climbing harnesses and fastening belts. Use the belt marking tape 5000 as a label or a loop, which you can print on 1 or 2 sides.

THERMOTEX strap tape is designed for the marking of lashing straps and belts. The durable and sturdy ribbon is very resistant to UV light, weathering and abrasion.

- ☐ very robust
- ☐ extremely industrial wash resistant
- ☐ suitable for mangling: no
- ☐ with specially coated surface
- ☐ for patching

Article	Colour
GB 5000	
GB 5001	
GB 5002	
GB 5003	
GB 5004	
GB 5005	



Webbing: labelling of a tensioning belt

Strap tape	CT tape	Colour	
GB 2006	CT 2006	white	
GB 2010	CT 2010	yellow	
GB 2011	CT 2011	lightblue	
GB 2012	CT 2012	orange	
GB 2013	CT 2013	green	
GB 2014	CT 2014	red	
GB 2015	CT 2015	pink	
GB 2016	CT 2016	mint	
GB 2017	CT 2017	ochre	
GB 2018	CT 2018	rose	
GB 2019	CT 2019	black	
GB 2021	CT 2021	dark red	
GB 2022	CT 2022	neon yellow	

Roll length 50m

NAME LABELLING

TO PRINT YOURSELF



CT 2026

NON-STRETCH, DURABLE

- ☐ suitable for mangling: no
- ☐ non-stretch, durable
- ☐ highly resistant to industrial washing
- ☐ colour: white



ALSO AVAILABLE AS A
**SELF-ADHESIVE
FIXTEXX 2026**



Name label in polo shirt



CONTINUOUS ROLLS in widths:

40 mm, 50 mm, 60 mm, 80 mm, 88 mm, 100 mm
(further widths on request)



PRE-CUT DIMENSIONS Roll length 50m

Dimensions	Quantity labels	Article no.
80 x 38mm	approx. 1.310	CV2026-80X38
80 x 45mm	approx. 1.110	CV2026-80X45
82 x 25mm	approx. 2.000	CV2026-82X25
76 x 25mm	approx. 2.000	CV2026-76X25

TO ORDER

NAME EMBLEMS

DIFFERENT VARIETIES AND LOW
ORDER QUANTITY POSSIBLE



Type	Colour	Attaching	Extras
Pro name labels	Single colour, black	for heat sealing	
Tex name labels	All colours printable	for heat sealing	produced in digital printing
Tex low temperature name labels	All colours printable	for heat sealing	heat-sealing temperature already from 130°C
Fixtexx name labels	Single colour, black	for heat sealing	self-adhesive, also available with coloured edge
Plotter name labels	Variety of standard colours available	for heat sealing	specially suitable for cropped signatures
Embroidered name labels	Variety of colours available	for heat sealing / sewing	yarn colour according to colour chart
Sublimation name labels	Many colours available	for heat sealing / sewing	with or without embroidered edges
FTC name labels	available in 8 standard colours	for heat sealing	specially suitable for cropped signatures

SPECIAL HEAT-SEAL INK RIBBONS FOR PT-COMPACT 1 AND PT-COMPACT 2



- ☐ for fast, one-colour marking with cliché and heat-seal tape
- ☐ available as standard (TTHS) for cotton and blended fabrics
- ☐ washable print also suitable for the mangle
- ☐ ideal labelling solution for flat textiles, shoe soles, and so on

WIDTHS:

25 mm, 30 mm, 40 mm, 50 mm, 75 mm, 95 mm and 100 mm (others on request)

ROLL LENGTH:

40m each

	Colour	
201	white	
202	red	
203	orange	
204	yellow	
206	brown	
207	green	
208	dark blue	
209	mid-blue	
210	black	
211	grey	

PPE



Work gloves with labelling



Property labelling of flat laundry items



Printing with special heat seal ribbon

CLICHÉ WITH ENGRAVING OR INSERTION STRIP FOR LETTERS



Size indication in underwear



Size information in T-shirt

FINISHING

Countless finishing options such as professional, dirt, rain, promotional, sports or casual wear require countless types of emblems. This is exactly what you will find in the THERMOTEX range: high-quality emblems for every requirement. Our experts are happy to inform you about the standards met by our emblems! Since we, as a system provider, can support you with complete solutions, you will also receive graphic services, transfer presses or the full contract heat-sealing service. Give your clothes your corporate design!

THERMOTEX. The next Generation

EMBLEMS

EMBLEMS OVERVIEW



EFFECT EMBLEMS (EE)

Reflective, fluorescent or both?
A special highlight that gives your design that certain something.



FTC EMBLEMS (FT)

Highly washable premium emblem for a wide range of applications. Also ideal for stretchy fabrics, such as workwear and leisure wear.



TO THE VIDEO



MULTICOLOUR EMBLEMS (MC)

Emblem for printing images and colour gradients with exact colour reproduction.



REFLECTIVE EMBLEMS FILM (RF)

Due to the direct printing on foil, full-surface motifs are possible with the Reflex-Emblem foil. Like the Reflex-Emblem plotters, the foil also convinces with its high reflection values.



REFLECTIVE EMBLEMS PLOTTER (RP)

The silver reflective material is suitable for simple lettering and logos. The emblem has very high reflection values – ideal for clothing of rescue services, fire brigade, police and other protective clothing (PPE).





Does your emblem have to **withstand certain conditions**?
You will find a list of **all standards met** by our emblems on **pages 21 & 22**

TEXTILE FINISHING WITH EMBLEMS

THERMOTEX emblems stand for high-quality marking of workwear, protective clothing, rainwear, promotional clothing, sportswear and leisure clothing with your corporate design! No matter what your taste is or the area of application – THERMOTEX really spoils you for choice with its emblem portfolio.

There are 3 different types of emblems:

- ☐ **Transfer:** The motif is transferred directly to the textile (transferred).
- ☐ **Textile:** The emblems have a textile character and are completely heat-sealed onto the textile.
- ☐ **Reflex:** They are made of silver-reflective material and are characterised by excellent reflection values.



TEX EMBLEMS (TE)

A sturdy and very durable textile label for all clothing areas. The high opacity ensures an excellent appearance.



LIGHT EMBLEMS (LE)



SUBLIMATION EMBLEMS (SB)

An emblem produced in the sublimation process achieves flawless print and colour quality even with very thin lines and elaborate motifs.



COLOUR-CUT EMBLEMS (CC)



EMBROIDERED EMBLEMS (S)



EMBLEMS



ALSO AVAILABLE
ON A ROLL
(SEE PAGE 8 „ECOFLEX“)

DYE-BLOCKING (DB)

- ☐ emblem to avoid that the textile dyes the emblems respectively for fabrics which stain during heat sealing such as softshell

FTC EMBLEMS (FT)

PREMIUM-EMBLEM: AVAILABLE IN THREE VARIANTS - STANDARD, DYE BLOCKING, FLAME RETARDANT



STANDARD

Applications	T shirts, sweatshirt, polo shirt, work wear, sport and leisure cloth, softshell
Motifs	cropped motifs possible (no colour gradients possible)
Colour	all colours according to Pantone C, HKS K, RAL colour chart
Opacity	high
Removable	no
Carrier	transparent film
Printing technique	screen printing

FTC EMBLEMS FLAME RETARDANT (FH)

- ☐ workwear (heat protection)
- ☐ protective clothing (welder protection)
- ☐ safety clothing



EN ISO
11612 : 2015

Only applies for flame retardant emblems

EFFECT EMBLEMS (EE)

A GUARANTEED EYE-CATCHER!

Application	T shirts, sweatshirt, polo shirt, work wear, sport and leisure cloth, softshell
Motifs	cropped motifs possible (no colour gradients possible)
Colour	all colours according to Pantone C, HKS K, RAL colour chart
Opacity	high
Removable	no
Carrier	transparent film
Printing technique	screen printing



reflective



REFLECTIVE

- ☐ reflective motifs
- ☐ not according to EN ISO 20471



FLUORESCENT COLOURS

- ☐ day glow colours in red, orange, green and yellow
- ☐ strong illuminous effect in black light
- ☐ especially suitable for design effects

in black light



MULTICOLOUR EMBLEMS (MC)

EMBLEM FOR THE EXACT RE-PRODUCTION OF PRINTED IMAGES AND COLOUR GRADIENTS



Applications	T-shirts, sweatshirts, polo shirts, workwear, sport and leisure wear, labelling of textiles in general, for real colour gradient and images
Motifs	cropped motifs possible
Colour	all colours printable according to bitmap, also colour gradients or images
Opacity	very high
Removable	no
Carrier	transparent film
Printing technique	screen and digital printing

Available in three variants:

- Standard
- Dye-blocking: prevents sublimation of the dyes from the textile into the emblem
- Flame retardant: EN ISO 11616 : 2008



Only applies for flame retardant emblems



Gardener workwear

SUBLIMATION EMBLEMS (SB)

PRICEWORTHY ALTERNATIVE TO THE STICK EMBLEMS, AVAILABLE WITH NAME IMPRINTED



Application	Workwear, rented workwear clothing, protective workwear, sport and leisure wear
Colour	All colours printable according to Bitmap, also colour gradients or images
Printing technique	Sublimation printing
Removable	yes, with a little adhesive residue

- outstanding quality of printing and colour
- highly hard-wearing
- 100% polyester

Available in 2 types:

- with embroidered edge for patching or sewing on
- without embroidered edge for patching on

With embroidered edge



Firefighter jacket with sublimation emblem

EMBLEMS



Cap and life jacket of a shipyard

TEX EMBLEMS (TE)

THIN, VERY ROBUST



Application	workwear, protective workwear clothing, leased laundry, T-shirts, sweatshirts, sport and leisure wear
Motifs	completely cropped motifs not possible
Colour	all colours printable according to bitmap, also colour gradients or images
Opacity	high
Removable	yes, with a little adhesive residue
Printing technique	digital printing

- ☐ thin textile label, nonstretchable, very robust
- ☐ very hard-wearing to mechanical influences

Available in 2 variants:

- ☐ Standard: flame-retardant
- ☐ low temperature: for delicate textiles, heat-sealing temperature as low as 130°C
- not suitable for industrial washing



REFLECTIVE MATERIAL ON ROLLS



The reflective material on a roll convinces with its high reflection values. It is particularly suitable for safety clothing, but can also be used on sports and leisure wear. The reflective strips are available for both heat sealing and sewing.

- ☐ complies with EN ISO 20471
- ☐ standard width: 50 mm
- ☐ other widths on request
- ☐ roll length: 50 m

REFLECTIVE EMBLEMS PLOTTER (RP)

FOR PROTECTIVE CLOTHING AND EXCELLENT REFLECTION VALUES AS PER EN 20471

Applications	especially for emergency services, fire brigade, police, workwear, safety workwear and other protective clothing
Motifs	cropped motifs possible (logos, motifs, lettering)
Colour	single colour: silver or yellow reflective
Opacity	very good
Carrier	transparent film

Available in 4 variants:

- ☐ silver reflective / Standard (RP)
- ☐ silver reflective / 3M 5807 (RP/3M)
- ☐ silver reflective / flame retardant (RP/FH)
- ☐ yellow reflective / flame retardant (RP/GE)



Only applies for flame retardant emblems



Safety vest with reflective emblem

REFLECTIVE EMBLEMS FILM (RF)

PRINTED REFLEX FILM

Applications	workwear, protective clothing, sport and leisure wear, textile advertising
Colour	Silver reflective background, screen printed in colour all colours according to Pantone C, HKS K, RAL colour chart
Opacity	very good



Workwear with logo

EMBLEMS



Available in two variants:

- ☐ Standard: very thin and elastic film
- ☐ Dye-Blocking: very resilient, fitted with an additional barrier against dye sublimation, optimal for softshell

COLOUR-CUT EMBLEMS (CC)

FOR SMALL QUANTITIES AND VARIOUS COLOURS



- ☐ cropped motifs possible
- ☐ very high opacity
- ☐ long-lived and excellent colour brilliance
- ☐ all colours printable, also colour gradient and pictures
- ☐ digital printing
- ☐ extremely hard-wearing and resistant to mechanical action
- ☐ non removable



Left: front | Middle: back

LIGHT EMBLEMS (LE)

PRICE-WORTHY ALTERNATIVE TO THE FTC EMBLEM · VERY HARD-WEARING

- ☐ cropped motifs possible (no colour gradient possible)
- ☐ high opacity
- ☐ single and multicolour print (many standard colours to Pantone C, HKS K or RAL)
- ☐ on carrier paper
- ☐ screen printing
- ☐ non removable



FOR SEWING
AND
FOR HEAT SEALING

EMBROIDERED EMBLEMS (S)

COLOURFAST POLYESTER
YARN EMBROIDERY






- ☐ excellent opacity
- ☐ colours according to embroidery thread colour chart
- ☐ removable (with minimal adhesive residue)
- ☐ raised, noble surface
- ☐ highly hard-wearing
- ☐ direct embroidery possible

NORMATIVES

Here you will find a list of all standards met by our emblems.







Before using the textiles, we recommend that a risk analysis be carried out by a laboratory regarding the area of application and use in combination with an emblem or identification label.

We can arrange a corresponding offer for you.

NORMS	DIN EN ISO 11611	DIN EN ISO 11612	DIN EN ISO 14116	DIN EN 1149-T1-5	DIN IEC 61482-1-2
	Welding protection	Heat and flame retardancy	Protection against heat and flame, protection against flame	Electrostatic properties	Protective clothing against the thermal hazards of an electric arc
					
EMBLEMS	<p>FTC Emblems: flame retardant (FH) + flame retardant / Dye Blocking (FH/DB)</p> <p>Multicolor Emblems: flame retardant (MC/FH) + flame retardant / Dye Blocking (MC/FH/DB)</p> <p>Tex Emblems (TE) Standard</p> <p>Reflex emblem plotter: silver reflective / flame retardant (RP/FH) + yellow reflective / flame retardant (RP/GE)</p>	<p>FTC Emblems: flame retardant (FH) + flame retardant / Dye Blocking (FH/DB)</p> <p>Multicolor Emblems: flame retardant (MC/FH) + flame retardant / Dye Blocking (MC/FH/DB)</p> <p>Tex Emblems (TE) Standard</p> <p>Reflex emblem plotter: silver reflective / flame retardant (RP/FH) + yellow reflective / flame retardant (RP/GE)</p>	<p>FTC Emblems: flame retardant (FH) + flame retardant / Dye Blocking (FH/DB)</p> <p>Multicolor-Emblem: flame retardant (MC/FH) + flame retardant / Dye Blocking (MC/FH/DB)</p> <p>Tex-Emblem (TE) Standard</p> <p>Reflex emblem plotter: silver reflective / flame retardant (RP/FH) + yellow reflective / flame retardant (RP/GE)</p>	<p>All emblems</p>	<p>FTC Emblems: flame retardant (FH) + flame retardant / Dye Blocking (FH/DB)</p> <p>Multicolor-Emblem: flame retardant (MC/FH) + flame retardant / Dye Blocking (MC/FH/DB)</p> <p>Tex-Emblem (TE) Standard</p> <p>Reflex emblem plotter: silver reflective / flame retardant (RP/FH) + yellow reflective / flame retardant (RP/GE)</p>

NORMATIVES

We would be delighted to provide you with support and advice when choosing emblems

DIN EN 61340-5-1	DIN EN 13034	DIN EN 510	DIN EN 342	DIN EN 343	DIN EN ISO 20471
Clothing for protection of electronic devices	Protective clothing against liquid chemicals	Specification for protective clothing for use where there is a risk of entanglement with moving parts	Protective clothing: Ensembles and garments for protection against cold	Weather-protective clothing	PSA high visibility safety norm
					
All emblems	All emblems	All emblems	<p>FTC Emblems: Standard (FT) + Dye Blocking (DB) + flame retardant (FH)</p> <p>Multicolor Emblems: Standard (MC)</p>	All emblems and reflective material on rolls	<p>Reflex emblem plotter: Standard (RP) + silver reflective</p> <p>flame retardant (RP/FH) + yellow reflective</p> <p>flame retardant (RP/GE) + 3M 5807 (RP/3M)</p> <p>Reflex emblem film (RF)</p> <p>Reflective material on rolls</p>

IDENTIFICATION & RFID-TECHNOLOGY

Organisation, administration and cleaning. Sounds like a manageable amount of work at first. But those involved know what lies behind it in the field of textile management. In order to make organisation and administration as easy and safe as possible, THERMOTEX offers individual products as well as complete solutions in the field of identification.

You want more transparency in your laundry pile? With RFID technology, information about the items of laundry such as the owner, the laundry cycle or the service life can be retrieved in real-time. As a result, you manage the life cycle of a textile as effectively as possible!

THERMOTEX. The next Generation

BARCODES

We also undertake
**the management of the number
ranges** for you

BARCODE LABELS

As unique as a fingerprint: barcodes give textiles and other articles an identity. With their help, inventory, stock utilisation and, for example, also the lifecycle of an item of laundry can be tracked and controlled precisely.



PRINTED BARCODE LABELS AND DATA MATRIX CODE LABELS FOR HEAT SEALING

- ❑ 6, 8, 10 or 12 digits possible as standard (others on request)
- ❑ text lines can be integrated above or below the barcode
- ❑ available in various dimensions and sizes
- ❑ cut individually



Barcode label in hired occupational clothing

SEW-ON WOVEN BARCODE LABELS



- ❑ additional text and logos can be integrated
- ❑ no changes after 100 wash cycles at 95°C in alkaline solution with a pH value of 10,5 – 11
- ❑ bleaching with all common bleaches and neutralisation in anorganic acids
- ❑ tunnel drying at 180°C
- ❑ chemical cleaning with organic solvents
- ❑ cut individually



Barcode label in safety vest

RFID-TECHNOLOGY: HF

TAGS: 11 and 16 MM IN ACCORDANCE WITH DIN ISO 15693

- ☐ for the fully automatic identification of textiles
- ☐ with a unique identification number („UID“)
- ☐ contactless reading

- ☐ reading: single, pile, bulk
- ☐ for patching (with patches) or for sewing in (also additional in woven pockets)
- ☐ suitable for mangling
- ☐ resistant to industrial washing



HF I-TAGS Ø 11MM

Art. no. 62596

Application	residents' laundry, workwear, flat linen
Reading	single, pile
Thickness	2.4 mm
Reading distance	up to 28cm
Laser engraving	yes
	customer-specific logo possible



HF I-TAGS Ø 16MM

Art. no. 64446

Application	workwear, mops / dusters, flat linen, bathrobes, towels etc.
Reading	single, pile, bulk, tunnel
Thickness	2.8mm
Reading distance	up to 42cm
Laser engraving	yes
	customer-specific logo possible

FOR THE HIGHEST
MECHANICAL
REQUIREMENTS



HF O-TAGS Ø 16MM

Art. no. 65112

Application	workwear, mops / dusters, flat linen, bathrobes, towels etc.
Reading	single, pile, bulk, tunnel
Thickness	3.2mm
Reading distance	up to 42cm
Dimensions	lenticular (rounded, soft edges)
Laser engraving	yes
	customer-specific logo possible



HF tag is positioned



Attached with heat-seal material (PA)



HF tag with heat-seal material (PA)

WOVEN TAG POCKETS



Variants	plain or with woven-in logo, available with or without tag already inserted
Tag	max. 16 mm
Material	polyester
Dimensions (W x H)	24 x 40 mm (standard dimensions)

Other dimensions and variants on request

Art. no. 62218

ADVANTAGES

RFID-TECHNOLOGY: HF

Individual reading

HF technology is particularly suitable for the individual reading and recording of personal data, such as the name of the wearer, the washing requirements or the number of previous washing cycles



Allocation made easy

The tags find their place in various textiles such as clothing, mops or flat laundry items. Equipped in this way, everything ends up where it belongs



HF reader systems

Plug-in reader systems: plug-in and get started. They ensure trouble-free laundry sorting: The innovative reading system, consisting of reader and antenna, ensures smooth laundry detection at the highest level



HF tags, in two sizes:

Small, medium or large: depending on the application, choose between 11 and 16 mm tags. Each size brings with it individual benefits, such as visibility or wearing comfort.



Accessories

Our accessories, e.g. tag attachments or patch dispensers, complement our HF tag technology



RFID-TECHNOLOGY: UHF

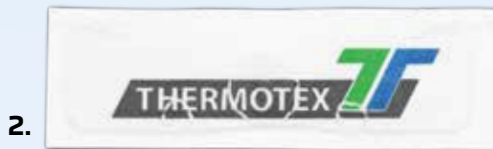
EMBROIDERED TAGS

The tags are made of tried and tested materials and are suitable for heat sealing or sewing in. They are available in various sizes and variants and are suitable for standard or wet washing. THERMOTEX programmes and manages the number ranges, thus providing the greatest possible security for your laundry processes.

F10 TAGS



UNPRINTED
plain, without optical recognition
Art. no. 67631



WITH LOGO
with multi-coloured, customer-specific logo to ensure laundry is marked as customer property
Art. no. 67632



WITH EPC-NUMBER
EPC number permanently visually readable. Data matrix code readable with every smartphone
Art. no. 67582



WITH LOGO AND EPC-NUMBER
EPC number permanently visually readable. Data matrix code readable with every smartphone. Customer-specific logo possible for marking of laundry as property of the customer
Art. no. 67966



F10 TAGS ON ROLLS

- ☐ all F10 variants are available on roll
- ☐ to sew in with a sewing machine
- ☐ enables automated merging of tags and, for example, flat linen



Dimensions	58 x 18,5 mm / thickness: 0,5 mm, <2,5 mm in chip area
Application	reading of workwear, flat textiles and contract textiles e.g. in receipt and outgoing goods area, inventory of cupboards and rooms
Reading	bulk reading, e.g. in wire mesh carts
Reading distance	up to 6 m
Use with	UHF Box, Gate, Shelf, Fix Shelf, hand-held readers, Universal
Fixation	sewing in/heat sealing

RFID-TECHNOLOGY: UHF

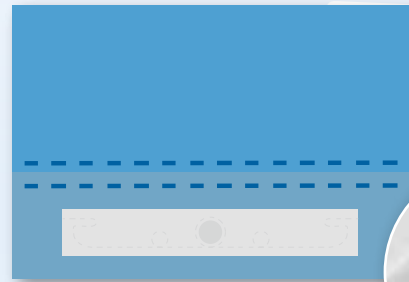
F11 TAGS

FOR SEWING INTO THE SEAM



Art. no. 68108

- ☐ Dimensions: 70 x 11mm · thickness: 0,5mm, 2,5mm in chip area
- ☐ bulk reading, e.g. in wire mesh carts
- ☐ up to 6m reading distance
- ☐ for sewing into the seam of a textile item
- ☐ suitable for mangling and resistant to industrial washing



F11 tag sewn into the seam

WOVEN TAG POCKETS

FOR F10 TAGS



ALSO AVAILABLE WITH CUSTOMISED WOVEN LOGO OR TEXT

- ☐ for sewing
- ☐ quality: taffeta
- ☐ tube woven, opening of 60 mm
- ☐ cut in hot condition
- ☐ pocket size: 35 x 80 mm



Art. no. 67992

UHF SELF-ADHESIVE LABELS

- ☐ suitable for thermal transfer printing
- ☐ adhesive: permanently adhesive
- ☐ material: PET white, plain
- ☐ packaging: on rolls

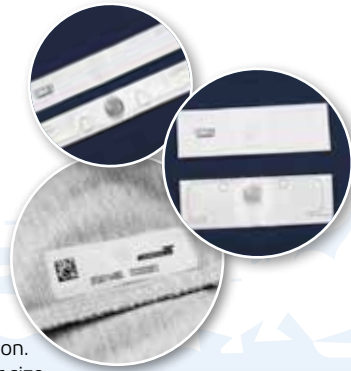


Art. no. 66982



ADVANTAGES

RFID-TECHNOLOGY: UHF

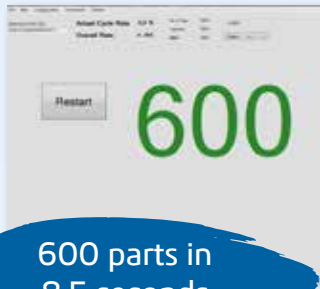


UHF tags

The right tag size for every application. The UHF tags differ not only in their size, but above all by the various possibilities for printing, such as with the F10 tag

Process simplification

Not only do you save time and money with our UHF systems. Integrated in your process, you benefit from error-free detection.



600 parts in
8.5 seconds

Container and pile detection

UHF systems are particularly suitable for the detection of larger quantities. In less than 10 seconds, up to 600 parts can be detected at once.



UHF-BOX and GATE

They are ideal for integrating into existing conveyor systems. Reading whole packages, sacks or piles saves a lot of time

Accessories

We complete the tag equipment with our accessories.

PAPER HANG TAGS



- available in different widths and lengths (custom made)
- material: paper or cardboard
- price and size in self-printing using thermal transfer printers (page 32)
- attachment: staple guns, directly on the textile or through the buttonhole



Hanging items with paper hang tags



Scanning of hanging items

MACHINES FOR ...

High-quality machines are essential in textile management. With over 30 years of experience in this area, THERMOTEX has secured a position amongst the market leaders in the European market. Consistent quality management according to DIN ISO 9001 guarantees perfect professional machines for your company! In addition, the right machine can be found for every requirement in the wide product range. In the following chapter you will get a brief insight into the THERMOTEX machine world with the bestsellers.

THERMOTEX. The Next Generation.

... APPLICATION

MANUFACTURED IN ACCORDANCE
WITH THE LATEST MACHINERY
DIRECTIVE 2006/42/EC

TRANS PRESS 20 WITH TWO WORKING PLATES



P4 FOR VOLUMINOUS TEXTILES



PT COMPACT 2 SPECIALLY DESIGNED FOR THE USE OF ECOFLEX EMBLEMS OR TRANSFERS ON ROLLS



- ☐ greatest handling convenience due to an easy running, swivelling heat plate
- ☐ extra working clearance
- ☐ integrated two-hand control for highest safety
- ☐ for large volumes
- ☐ 230V, 50Hz, 750W

- ☐ oversized opening angle for maximum freedom of movement for the user
- ☐ large colour touchscreen with self-explanatory symbols
- ☐ foot switch operation
- ☐ 230V, 50Hz, 750W

- ☐ equipped with a sensor for automatic recognition of materials in sensor mode
- ☐ compact, stable
- ☐ easy to operate
- ☐ 230V, 50Hz, 550W

Width	958mm (with lower plates)
Height	712mm
Depth	885mm
Space required	770 x 700mm
Weight	110kg
Upper plate	480 x 380mm

Art. no. 20000

Width	200mm
Depth	540mm
Height	320mm (closed)
Height	490mm (open)
Weight	22kg
Upper plate	150x115mm
Operating pressure	4 - 5bar

Art. no. 21900

Length	500mm
Width	700mm (without discs)
Width	900mm (with discs)
Height	600mm (with discs)
Heat plate	125 x 95mm
Weight	approx. 35kg
Operating pressure	3 - 8bar

Art. no. 17000

... PRINTING

TT4-CX

TWO-TONE PRINTING · LEFT GUIDED



* The illustrated system shows the printer with cutting device and stacker unit.

TT4-DCT

DOUBLE SIDED PRINTING · CENTRAL



* The illustrated system shows the printer with cutting device and stacker unit.

The thermal transfer printer TT4-CX enables the simultaneous printing of two different colors on a single-sided label with two printing units lying one behind the other.

- ❑ Large, illuminated LCD display for 4 lines of approx. 20 characters
- ❑ Interfaces: serial, USB, Ethernet 10/100Mbit
- ❑ Sensor for translucent and reflective media
- ❑ Resolution: 300dpi
- ❑ Possible label width: 10-110mm

TT4-CX left-aligned
 TT4-CX with cutting device standard
 TT4-CX with high-performance cutting & stacking unit

Art. no. 23156
 Art. no. 23157
 Art. no. 23158

Your professional printer with 2 printing units and centered textile tape guidance for double-sided printing of labels. With its high working speed and optional equipments, the TT4-DCT is ideal for care labels, for example.

- ❑ Large, illuminated LCD display for 4 lines of approx. 20 characters
- ❑ Interfaces: serial, USB, Ethernet 10/100Mbit
- ❑ Sensor for translucent and reflective media
- ❑ Resolution: 300dpi
- ❑ Possible label width: 10-110mm with cutter and stacker unit : max. 70mm

TT4-DCT centered
 TT4-DCT with cutting device standard
 TT4-DCT with high-performance cutting & stacking unit

Art. no. 23153
 Art. no. 23154
 Art. no. 23155

TT4-SXT

COLOUR TOUCHSCREEN,
INTEGRATED WLAN UNIT



* The illustrated system shows the printer with cutting device and stacker unit.

Even faster – even more intuitive!
The new profitable TT4SXT (centered) is simple to operate with its colour touchscreen. Thanks to WLAN you can even use this industry-compatible, high-performance printer wirelessly.

- ❑ high-performance thermal transfer printer with special heating strip and 300 dpi resolution
- ❑ large colour touchscreen with self-explanatory symbols for intuitive operation
- ❑ internal fonts, barcodes and tutorial videos available

- ❑ 32bit processor with 800 MHz clock speed and a 256 MB memory
- ❑ interfaces: slot for SD memory cards, USB host interfaces, USB 2.0, Ethernet 10/100 Base-T, RS232 C interfaces
- ❑ USB port for keyboard and scanner
- ❑ sensor for light-permeable media and reflective sensor
- ❑ particularly suitable for labels for work clothes

TT4-SX
TT4-SXM centered
TT4-SXT centered,
with traction platen

Art. no. 21683
Art. no. 21728
Art. no. 21738

All versions are with cutting device.

CERTIFICATES

Quality is top priority at THERMOTEX! In order to provide our customers and resellers with a solid foundation, certifications are an indispensable part of our company. They guarantee tested quality and verifiable safety.

ISO 9001:2015

Through consistent quality management according to DIN EN ISO 9001: 2015, THERMOTEX continues to develop in a **continuous improvement process**. The goal is to increase quality, optimise processes and avoid risks. Clearly defined corporate goals with measurable key figures serve as orientation and optimisation.



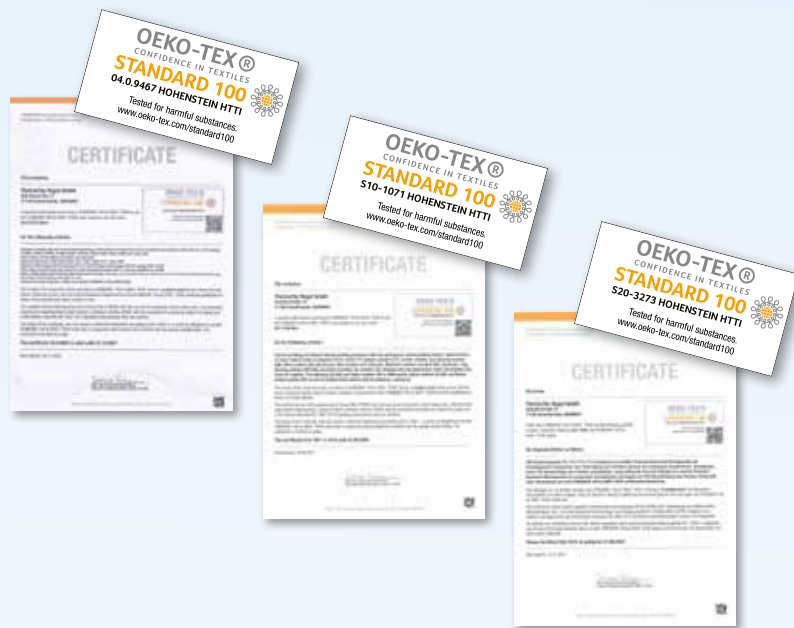
REACH CONFORMITY

THERMOTEX attaches great importance to the protection of the environment and mankind. Therefore, we act according to the **EU Regulation 1907/2006 (REACH-VO)** of 18 December 2006 as a downstream user (producer of products). According to information from our suppliers of raw materials, there are **no substances in the materials we use from the current Candidate List (SVHC list)** at a concentration greater than 0.1% by mass.

OEKO-TEX CERTIFICATE

The OEKO-TEX certificate is a globally recognised testing and certification system for textile products. Based on defined test criteria and limits, we test textiles with regard to **safety and constituents**.

We certify emblems and materials with OEKO-TEX to make sure there is high and effective product safety.



WASHING TESTS ACCORDING TO DIN EN ISO 15797

With the help of an **independent testing laboratory**, THERMOTEX regularly has the DyeBlocking emblems and Multicolor Standard emblems tested for their **washing resistance**.

This allows us to guarantee you **hard-wearing emblems in high quality**.



OUR SALES REPRESENTATIVE TEAM

EXPERTISE RIGHT WHERE YOU NEED IT



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