

Why doesn't my printed label look good?

An automated production process and correct allocation depend on a long-lasting and THE PROBLEM:

Example: When the label is no longer legible, then the barcode cannot be read. This readable label. prevents the textile from being correctly allocated and results in the end customer not getting their textile. This not only causes dissatisfied customers, but also extra expense and additional costs for your own business.



The perfect combinations! Match your printer type exactly to the label material and ink ribbon. Because not every printer can handle any label material. The same applies to the

Once these 3 properties are perfectly combined, the following 3 values must be set: Printing speed, contact pressure, printing temperature. The printing speed sets the rate at which the label material is passed through the printing unit by the print roll. The printing result is affected when the speed is too fast, the print roll is worn or the printing head is not hot enough.

Therefore, each of these points is of elementary importance for producing a long-lasting label. If one of these values is not set correctly, then frayed, unclear labels may be produced, which do not withstand the washing process.

We will set the values for you, so that you can start work immediately. Your personal contact partner will be at your disposal to assist and advise you.

We would be happy to advise you on the purchase of your printer!

Phone: +49 781 / 9616-0 | info@thermo-tex.de | www.thermo-tex.co.uk

THERMAL TRANSFER PRINTING SYSTEMS

THE NEW IN-HOUSE THERMAL TRANSFER PRINTER!

Digitalisation is making huge strides, whereby it increases the demands in a fast-moving business world. That's why our department of development has put a lot of work into our new intuitive printer. With the touch display, you can call up all the relevant operations to, quickly create wash resistant labels.



The new and unique thermal transfer printer from THERMOTEX! The handy TT5-L can be used flexibly, both in stand-alone mode and with the WinTexx 4 software. With the simple menu navigation via its touchscreen, handling is self-explanatory. All user-relevant parts on the printer are easily recognised, using signal colours.

The most important aspects at a glance:

- iiii intuitive operation by touchscreen
- structued menu quidance with self-explanatory symbols
- ::: one button auto-calibration for quick work start
- **:::** simple administration of label templates
 - incl. ten standard label templates
- iiii both for use in stand-alone mode and with PC connection
- iii interfaces: USB, parallel, Ethernet, RS232
- iii resolution: 203 dpi

TT5-L with keyboard (for stand-alone mode)
TT5-L with WinTexx 4 Lite

Art. no. 22619 Art. no. 22615

THERMALTRANSFER PRINTING SYSTEMS

TT3-SE

INCLUDING
CUTTING DEVICE



The TT3-SE complete system is equipped with a cutting device, a special heating strip and Windows drivers. This thermal transfer printer works quickly and delivers sharp printing results.

- ::: robust housing with high reliability
- iii interfaces: USB, parallel, serial
- ::: resolution: 203dpi

TT3-SE Art. no. 17594
TT3-SE with cutting device Art. no. 17593







The sturdy TT3-SE can be used in a variety of ways. For this reason, the thermal transfer printer is used in a wide variety of industries such as nursing homes, laundries and the manufacturing industry.

TT4-MX

OPERATES WITHOUT A PC · FOR USE IN LAUNDRIES, CARE HOMES, HOSPITALS



The TT4-MX can even be used in stand-alone mode without connection to a computer. Retrieve quick and easy the label templates on a memory card or a USB stick.

- ::: robust printing mechanism
- iii large, colour touchscreen with self-explanatory symbols for intuitive operation
- iiii interfaces: serial RS-232, USB 2.0 and Ethernet 10/100 Mbit
- **USB** master for keyboard and scanner
- sensor for light-permeable media & reflective sensor
- :::: resolution: 300dpi

TT4-MX Art. no. 22070
TT4-MX with dispenser Art. no. 22071
TT4-MX with cutting device Art. no. 22072





Die-cut textile marking tapes can be printed according to requirements (above). For perfect printing results, we offer coloured ink ribbons that can be combined with the matching marking tapes (middle). Self-adhesive and wash-resistant: textile labels for work clothes (below).

THERMALTRANSFER PRINTING SYSTEMS

TT4-DCT

DOUBLE SIDED PRINTING · CENTRED GUIDED



- double-sided print possible
- centred tape guidance
- iii label tape guidance with feed roller pair
- iii large, illuminated LCD display for four lines of approx. 20 characters
- iiii interfaces: serial, USB, Ethernet 10/100Mbit
- ::: sensor for translucent and reflective media
- ::: resolution: 300 dpi

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

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



The TT4-DCT has two printing units with a centred label tape guidance that allows you to print double-sided labels.

ENJOY YOUR LABELS TWICE OVER

The new TT4-DC and TT4-DCT professional printers deliver high-resolution care labels with a wash-resistant print. Our thermal transfer printers impress with very high working speed and extensive equipment options.

TT4-CX

TWO-TONE PRINTING · LEFT GUIDED







- single-sided print
- tape guidance with left stop
- two-coloured print possible
- iiii large, illuminated LCD display for four lines of approx. 20 characters
- iii interfaces: serial, USB, Ethernet 10/100Mbit
- ::: sensor for translucent and reflective media
- ::: resolution: 300dpi

The TT4-CX allows you to print two different colours on a single-sided label at the same time thanks to two printing units in a row.

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

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

THERMALTRANSFER PRINTING SYSTEMS

TT4-SX

COLOUR TOUCHSCREEN,
INTEGRATED WIRELESS NETWORK UNIT

READ MORE











Print with the professional thermal transfer printer high quality labels in large quantities, for textile identification. Thanks to its userfriendly colour touchscreen, the handling of the TT4-SX is easy and simple. It also offers multiple to integrate it into your system.

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

TT4-SX Art. no. 21683
TT4-SXM centered Art. no. 21728
TT4-SXT centered, with traction platen Art. no. 21738

- 32-bit processor with 800 MHz clock speed and a 256 MB memory
- iiii 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 workwear labels

SOFTWARE & ACCESSORIES

SPECIAL PRINTER SOFTWARE FROM THERMOTEX

WINTEXX 4 LITE WINTEXX 4 PRO

Using Wintexx 4 Software, thermal transfer print systems can be connected to a network computer - the perfect solution for every company!

The two versions, **Pro** and **Lite**, offer the choice between a simple, Lite basic package for standard label design and a high-performance Pro version with special label design features, a comprehensive database connection and simultaneous access to network printers.

This special software enables the integration of various fonts, symbols and graphics such as care symbols and logos.

WinTexx 4 Lite Art. no. 22105 WinTexx 4 Pro Art. no. 22107



GENERAL ACCESSORIES

Type of machine	Accessories	Article no.
	cleaning kit for THERMOTEX printing systems	50393
TT3-line, TT4-line	label collection pan	13055
ER 4/210	external rewinder with power adapter	13989
T-10	external rewinder with power adapter	19524

WEARING PARTS

Type of machine	Printing roller	Pressure bar
TT5-L	22713	22711
TT4-SX/-SXT/-SXM	15647	21720
TT4-S	15647	19238
TT4-MX	22096	21720
TT4-M	15647	19239
TT4-DL/-DC	15647	19238
TT3-SE	18814	17692

THERMOTEX will happily take over the **cleaning** and **maintenance** of your machines.

ACCESSORIES FOR PRINTERS

Type of machine	Accessories	Article no.
TT4-SX/	cutting device	21712
-SXM/-SXT	perforation cutter	21626
	perforation cutter (variable depth of cut)	21722
TT4-S/-DC/	cutting device standard	20587
-DL	perforation cutter	14308
TT4-SX, TT4-S, TT4-DL	cutting device with stacker placed left	17180
TT4-SXM, TT4-SXT, TT4-DC, XD4T	cutting device with stacker placed centrally	21231
TT4-SX	external rewinder for direct connection to printer	22287
TT5-L	cutting device	22687



LABELS FOR THERMAL TRANSFER PRINTING

HERMOTEX offers textile labels for every need: from small retirement homes, public institutions or clinics, as well as for large laundries, garment producers and textile manufacturers. The labels are produced in your desired dimension: as continuous rolls, die-cut, self-adhesive, coloured, printed or unprinted – both for sewing in or for heat sealing. The decisive factor is the exact adjustment of ink ribbon and marking tape. This is the only way to achieve a high quality and washable printed picture.

THERMOTEX. The Next Generation.

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 that can be sew in!

REQUEST A SAMPLE NOW: INFO@THERMO-TEX.DE

POLYESTER SATIN TAPE (PS)

AVAILABLE IN VARIOUS QUALITIES AND COLOURS

NYLON TAFFETA TAPE (NT)

AVAILABLE IN VARIOUS QUALITIES

POLYESTER TAFFETA TAPE (PT)

WASH-RESISTANT, FOR SEWING IN



Polyester satin tapes are perfect for the production of wash-resistant care labels for sewing in. They are available in various qualities and colours.

- soft quality
- iii tested for harmful substances pursuant to Oeko-Tex Standard 100

Nylon taffeta tape is also suitable for the production of washresistant care labels for sewing in.

- :::! thin, smooth surface
- iiii NT01 + NT41P: tested for harmful substances pursuant to Oeko-Tex Standard 100
- iiii NTO8: available with coloured side stripes on request

Polyester taffeta tapes are also perfect for the production of wash-resistant care labels for sewing in.

- iii tapes for double-sided printing
- iii robust, smooth surface
- iiii PTO1, PTO3 + PTO9: tested for harmful substances pursuant to Oeko-Tex Standard 100



Polyester satin tape





Polyester taffeta tape

DIE-CUT LABELS

LABELS IN END FORMAT

Die-cut labels with rounded corners guarantee a high level of wearing comfort. The self-adhesive Fixtexx variant also facilitates pre-fixing to the textile. All formats from $41 \times 14.4 \text{ mm}$ to $84 \times 42 \text{ mm}$ can be found on our website. On request, we can die-cut your own preferred format!

Quality	Material description	OEKO-TEX ® CONFIDENCE IN TEXTILES STANDARD 100 04.0.9467 HOHENSTEIN HTTI Tesled for harmful substances, www.oeko-tex.com/standard 100
CT 2026	 solid, durable highly resistant to industrial washing suitable for industrial ironer: no 	
CT 2041	thin, stablehighly wash-resistantsuitable for industrial ironer: yes	
CT 2042	thin, robusthighly wash-resistantsuitable for industrial ironer: to an expension	xtent
Fixtexx 2009	thin, soft, elastic, without weavehighly wash-resistantsuitable for industrial ironer: no	
Fixtexx 2026	· solid, durable · highly resistant to industrial washing · suitable for industrial ironer: no	
Fixtexx 2041	thin, resistanthighly wash-resistantsuitable for industrial ironer: yes	

SELF-ADHESIVE

ENDLESS ROLLS

LABELS FROM ENDLESS ROLLS

Stay flexible! With label material on endless rolls, you decide how many labels you want to create with one roll. You can find all standard roll widths on our website. On request we will cut the roll to your desired width.

Qualität	Materialbeschreibung
CT 2006	 very robust, solid extremely wash-resistant under industrial conditions suitable for industrial ironer: no Oeko-Tex certified
CT 2008	 very thin, soft, elastic, opaque, without weave highly wash-resistant suitable for industrial ironer: no Oeko-Tex certified
CT 2009	 thin, soft, elastic, opaque, without weave highly wash-resistant suitable for industrial ironer: no Oeko-Tex certified
CT 2026	 solid, durable highly resistant to industrial washing suitable for industrial ironer: no Oeko-Tex certified
CT 2010 - CT 2022	 · in colour, solid, durable · highly resistant to industrial washing · suitable for industrial ironer: no
CT 2041	 thin, stable highly wash-resistant suitable for industrial ironer: yes Oeko-Tex certified
CT 2042	 thin, robust highly wash-resistant suitable for industrial ironer: to an extent Oeko-Tex certified
CT 4000	· flame-retardant, very solid · highly wash-resistant · suitable for industrial ironer: no

DIE-CUT LABELS PRE-PRINTED - FOR EXAMPLE, WITH LOGO AND BORDER

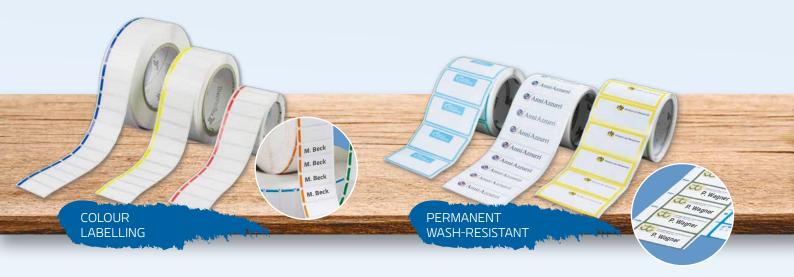
Computer tape for thermal transfer printing, die-cut, printed – for very flexible and extremely washable markings of workwear in your corporate design!

CT 2009 / FIXTEXX 2009

DIE-CUT PRINTED (CN)

CT 2026 / FIXTEXX PRINTED (FB)

DIE-CUT · PRINTED (CB)



- iii applications: residential homes, laundries
- iii not suitable for industrial ironer
- iiii quality Fixtexx: self-adhesive
- ::: variant: die-cut, screen printed
- ::: roll length: 50m or 2 x 25m
- :::: colours according to HKS, Pantone C, RAL
- iii labelling with coloured side stripes to distinguish wards, buildings, departments, etc.

Dimension	25 m roll	50m roll
41 x 14,4 mm*	1.470 labels	2.950 labels
53 x 19 mm	1.150 labels	2.300 labels
58 x 14,4 mm	1.470 labels	2.950 labels
84 x 14,4 mm	1.470 labels	2.950 labels

- applications: hospitals, residential homes, workwear, workwear leasing, industry, technical trading
- iii not suitable for industrial ironer
- :::i variant: die-cut, screen printed
- ::: roll length: 50m or 2 x 25m
- :::: colours according to HKS, Pantone C, RAL

50m roll

CT 2026		Fixtexx 2026	
Dimension	Labels	Dimension	Labels
76 x 25 mm	2.000	41 x 14,4 mm*	2.950
80 x 38 mm	1.310	84 x 23,4 mm	2.000
80 x 45 mm	1.100	84 x 36,1mm	1.310
82 x 25 mm	2.000	84 x 42mm	1.120
		95 x 48,4 mm	1.000

CT 2009 / FIXTEXX 2009

STANDARD ROLLS WITH SIDE STRIP, DIMENSION 41 X 14,4 MM

FIXTEXX 2026

STANDARD ROLLS WITH A COLOURED FRAME

Colour	12,5 m roll/Article no.		25m roll/Article no.		50m roll/Article no.	
Colour	CT 2009	Fixtexx 2009	CT 2009	Fixtexx 2009	CT 2009	Fixtexx 2009
blue	63191	66454	60187	66444	60256	66374
red	63192	66455	60188	66451	60257	66375
green	63193	66456	60189	66452	60258	66376
yellow	63194	66457	63190	66453	60478	66377

50		
Colour	Dimension	Article no.
blue	84 x 23,4 mm	59734
red	84 x 23,4 mm	59735
green	84 x 23,4 mm	59736

 $^{^{\}star}$ Dimension 41 x 14,4 mm printable only with single-coloured side strip

DIE-CUT PRINTED LABELS

DIGITAL LABEL ON A ROLL (DR)

DIGITALLY PRINTED

FIXTEXX 2041

WITH SIDE STRIPE



- iiii applications: hospitals, residential homes, workwear, workwear leasing, industry, technical trading
- iiii quality: Fixtexx 2026 self-adhesive
- iii not suitable for industrial ironer
- iiii variant: die-cut, in digital printing multicoloured printed, photorealistic motives possible, also colour gradients printable
- iii roll length: 50 m oder 2 x 25 m
- :::: colours according to HKS, Pantone C, RAL

- iiii applications: hospitals, residential homes, laundries
- ::: suitable for industrial ironer
- ::: variant: die-cut, with side stripe
- thin, robust
- ::: self-adhesive
- iiii highly wash-resistant
- iiii for flat textile and residents' laundry
- :::: colours according to HKS, Pantone C, RAL
- iiii labelling with coloured side strips to distinguish wards, buildings, departments, etc.

FURTHER DIMENSIONS ON REQUEST

Format	Labels
84 x 23,4 mm	2.000 labels
84 x 36,1mm	1.310 labels
84 x 42mm	1.120 labels
95 x 48 4 mm	1.000 labels

DIE-CUT DIMENSION

41 x 14,4 mm

Colour	Article no.
blue	68343
red	68344
green	68345
yellow	68346





Label your finished laundry stack with a paper-based adhesive label or your transport box with a film-based adhesive labels.



PAPER ADHESIVE LABELS (PK)

DIE-CUT OR ENDLESS

We produce paper adhesive labels to your needs. Whether strongly adhesive or easily removable: Your label wish will be fulfilled!

- applications: various, e.g. article labelling
- iiii quality: PK 2001, permanent or removable
- wersions: die-cut or endless, various dimensions
- ::: available in different types of rolls

ON REQUEST

DIMENSIONS & QUANTITIES

::: wipe-off



FILM ADHESIVE LABELS (SK)

DIE-CUT OR ENDLESS · UNPRINTED

- applications: name plates, inventory, etc.
- iii quality: SK 2005, SK 2006
- wersions: die-cut or endless, unprinted
- ::: available in different types of rolls
- SK 2005: silver, strongly adhesive, with improved surface structure, very abrasion-resistant
- SK 2006: white, strongly adhesive, with improved surface structure, very abrasion-resistant, splash-proof

READY-MADE CARE LABELS ON REQUEST!

SAFETY BELT TAPE 2006 (GB)

WEATHER AND ABRASION-RESISTANT

SAFETY BELT TAPE 5000 (GB)

MORE TEAR AND WEATHER RESISTANT

COMPUTER MARKING TAPE

CK 2006-N-D (2)



THERMOTEX safety belt 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.

Article	Colour
GB 2006	
GB 2010	
GB 2011	
GB 2012	
GB 2013	
GB 2014	
GB 2015	
GB 2016	
GB 2017	
GB 2018	
GB 2019	
GB 2020	
GB 2021	
GB 2022	

The safety belt 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.

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

The computer marking tape is perfect for the production of wash and dry-cleaning resistant labels.

- ::: for sewing in
- iii highly wash-resistant

COMPUTER TAPE

CT 2066 (1)

The computer tape is suitable for name label printing, clean room and care labels in workwear, and for printing barcodes using thermal transfer printers.

- ::: for sewing in
- two-side printing possible
- iii highly wash-resistant
- iii quality: CT 2066
- iiii tested for harmful substances according to Oeko-Tex Standard 100

SUITABLE PRINTER / SUPPLY COMBINATIONS

										_					
	T	T3-S	E	Т	T4-M	X	Т	T4-S	X	-	TT5-L	-		EOS1	
Max. Roll-Ø	200 mm		205mm		2	205 mm		127 mm			155 mm				
Min. Roll core Ø	25,4 mm		38 mm		38 mm			25,4 mm			38 mm				
Max. Roll width	1	118 mm		116 mm		116 mm			108 mm			108 mm			
Roll length of the	12,5	25	50	12,5	25	50	12,5	25	50	12,5	25	50	12,5	25	50
marking tape in m CT tape, die-cut	V	V	~	V	V	V	V	V	V	V	***	***	~	V	
CT tape, endless*			~						~						
Fixtexx		V	~	~	V	~	V	V	~	V	***	***	V	~	
SK-/PK tape, die-cut	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
SK- / PK tape, endless*	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**
Ink ribbon roll length in m	100) :	300	100) :	300	100)	300	100) 3	300	100) :	300
Ink ribbon	V		V	~		V	~		~	V		~	~		

^{*} Requirement: the printing system includes a cutting device ** Depending on the role of external diameter and the size / quantity

INK RIBBONS: SUITABLE SUPPLY COMBINATIONS

For an optimal printing result, the exact phased combination of marking tape and ink ribbon is essential.

Marking tape	Ink ribbon black	Ink ribbon coloured	washable*
CT2006 CT2008 CT2009 CT2010-2022 CT2026 CT4000 Fixtexx 2026 Fixtexx 2009	I-C-9-sw I-C-7-sw I-C-6-sw R-C-1-sw	I-C-1-ws I-C-1-ro I-C-1-bl I-C-1-gr	yes
CT 2041 Fixtexx 2041 CT2042	I-C-8-sw I-C-9-sw		yes

^{*}The wash-resistance should be tested further through your own washing procedures (see THERMOTEX's General Terms and Conditions)!

Adhesive labels	Ink ribbon black	Ink ribbon coloured
PK 2001	D-P-1-sw D-P-2-sw S-P-1-sw	D-P-2-ro D-P-2-bl D-P-2-gr
SK 2005 SK 2006	R-S-1-sw R-S-1-sw	



^{***} with external label unwinder

SUITABLE SUPPLY COMBINATIONS

FOR SEWING IN

Marking tape	Ink ribbon black	Ink ribbon coloured
NT01, NT08, NT10,	D-S-1-sw	D-S-1-ws
NT11, NT20	D-S-2-sw	D-S-1-ro
	T-S-1-sw	D-S-1-bl
	R-C-1-sw	D-S-1-gr
	S-S-3-sw	
NT41P	I-C-9-sw	
	I-C-8-sw	
PT01, PT02, PT09	D-S-2-sw	D-S-1-ro
	S-S-3-sw	D-S-1-bl
		D-S-1-gr
PT03		D-S-1-ws
PS08, PS09, PS10, PS11, PS12, PS15, PS16, PS17, PS22, PS23	A-S-1-sw	D-S-1-ws
	D-S-1-sw	D-S-1-ro
	D-S-2-sw	D-S-1-bl
	T-S-1-sw	D-S-1-gr
CK2006-N-D, CT2066	A-S-2-sw	D-S-1-ro
	D-S-2-sw	D-S-1-bl
	T-S-1-sw	D-S-1-gr
_	R-C-1-sw	D-S-1-gr
	D-S-1-sw	
GB2006, GB2010, GB2011, GB2012,	A-S-2-sw	D-S-1-ws
GB2013, GB2014 GB2015, GB2016,	D-S-2-sw	D-S-1-ro
GB2017, GB2018, GB2019, GB2020, GB2021, GB2022	T-S-1-sw	D-S-1-bl
	R-C-1-sw	D-S-1-gr
	D-S-1-sw	

All ink ribbons are washable. The wash-resistance should be tested further through your own washing procedures (see THERMOTEX's General Terms and Conditions, Section 16)!

^{*} Reference values, deviations possible

	TT3-SE			TT4-MX			TT4-SX			
Max. Ø	200 mm			205mm			205mm			
Min. core Ø	25,4mm			38mm			38mm			
Max. width	118 mm			116 mm			116 mm			
Roll length in m	50	100	200	50	100	200	32	50	100	200
NT tapes, endless roll*	V		~	V		V		V		V
PS tapes, endless roll*		V	V						V	V
GB2006 tapes, endless roll*	V							V		
GB5000 tapes, endless roll*							V			
CK sew-in tapes* (CK2006-N-D, CT2066, CK2006-N)	~	~						~	~	

 $^{^{\}star}$ It is a prerequisite that the printing system has a cutting device.

