

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 5 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
- iiii interfaces: USB, parallel, Ethernet, RS232
- iii resolution: 203 dpi

TT5-L with keyboard (for stand-alone mode)
TT5-L with WinTexx 5 Lite

Art. no. 22619 Art. no. 22615

THERMAL TRANSFER PRINTING SYSTEMS

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: 300 dpi

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).

ENJOY YOUR LABELS TWICE OVER

The new TT4-CXQ and TT4-DCQ 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.

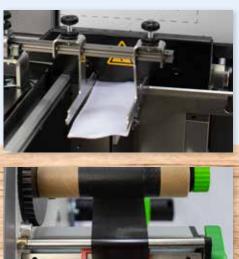
TT4-DCQ

DOUBLE SIDED PRINTING · CENTRED GUIDED





READ MORE



- double-sided print possible
- centred tape guidance
- iii label tape guidance with feed roller pair
- iii large, user-friendly colour touchscreen
- iiii interfaces: serial, USB, Ethernet 10/100Mbit
- ::: sensor for translucent and reflective media
- :::: resolution: 300dpi
- iiii possible label width: 20-110 mm with cutter & stacker unit max. 70 mm



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

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

Art. no. 24304 Art. no. 24269 Art. no. 24270

THERMALTRANSFER PRINTING SYSTEMS

TT4-CXQ

TWO-TONE PRINTING · LEFT GUIDED

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- single-sided print
- iii tape guidance with left stop
- two-coloured print possible
- iii large, user-friendly colour touchscreen
- iiii interfaces: serial, USB, Ethernet 10/100Mbit
- ::: sensor for translucent and reflective media
- ::: resolution: 300 dpi
- iii possible label width: 25-110 mm



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

Art. no. 24305 Art. no. 24271 Art. no. 24272

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

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.

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

TT4-SXM centered 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
- iiii particularly suitable for workwear labels

SOFTWARE

SPECIAL PRINTER SOFTWARE FROM THERMOTEX

WINTEXX 5 LITE · WINTEXX 5 PRO

Using Wintexx 5 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 5 Lite Art. no. 23922 WinTexx 5 Pro Art. no. 23924







ACCESSORIES

GENERAL ACCESSORIES

Type of machine	Accessoires	Article no.
	cleaning kit for THERMOTEX printing systems	50393
TT3 series, TT4 series	label collection pan	13055
ER 4/210	external rewinder with power adapter	13989

WEARING PARTS

Type of machine	Printing roller	Pressure bar
TT5-L	22713	22711
TT4-SX,	15647	21720
TT4-SXT,	21514	
TT4-SXM		
TT4-MX	22096	21720
TT4	15647	19238
TT4-DCQ,	15647	24311
TT4-CXQ	21514	
TT4-DCT,	15647	19238
TT4-CX	21514	

ACCESSORIES FOR PRINTERS

Type of machine	Accessoires	Article no.
TT4-CXQ	cutting device standard	21712
	external rewinder	21214
TT4-CX	cutting device standard	20587
TT4-DCQ	cutting device standard	21712
	perforation cutter	21721
	external rewinder	21214
TT4-DC	cutting device standard	20587
	perforation cutter	14308
TT4-SX, TT4-DL	cutting device with stacker placed left	17180
TT4-SXM, TT4-SXT, TT4-DC	cutting device with stacker placed centrally	21231
TT4-SX	external rewinder for direct connection to printer	22287
TT5-L	cutting device	22687
	external rewinder	18064



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
- iii NTO1 + 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
- ::: robust, smooth surface
- iiii PTO1, 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®
CT 2026	· solid, durable · highly resistant to industrial washing · suitable for industrial ironer: no
CT 2041	thin, stable resistant to industrial washing suitable for industrial ironer: yes
CT 2042	thin, durable highly resistant to industrial washing suitable for industrial ironer: to an extent
Fixtexx 2009	thin, soft, elastic, without weaveresistant to industrial washingsuitable for industrial ironer: no
Fixtexx 2026	 solid, durable highly resistant to industrial washing suitable for industrial ironer: no
Fixtexx 2041	 thin, stable resistant to industrial washing suitable for industrial ironer: yes
Fixtexx 2042	 robust, durable highly resistant to industrial washing suitable for industrial ironer: to an extent
Fixtexx 4000	· flame-retardant, very robust · resistant to industrial washing · suitable for industrial ironer: no
	CT2041 CT2042 Fixtexx 2009 Fixtexx 2026 Fixtexx 2041 Fixtexx 2042 Fixtexx 2042

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, durable extremely resistant to industrial washing suitable for industrial ironer: no Oeko-Tex certified
CT 2008	 very thin, soft, elastic, without weave resistant to industrial washing suitable for industrial ironer: no Oeko-Tex certified
CT 2009	thin, soft, elastic, without weave resistant to industrial washing 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	· coloured, robust, durable · highly resistant to industrial washing · suitable for industrial ironer: no
CT 2041	thin, stable resistant to industrial washing suitable for industrial ironer: yes Oeko-Tex certified
CT 2042	 thin, durable highly resistant to industrial washing suitable for industrial ironer: to an extent Oeko-Tex certified
CT 4000	· flame-retardant, very robust · resistant to industrial washing · 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!

FIXTEXX 2009 (CN)

DIE-CUT PRINTED

CT 2026 (CB) / FIXTEXX 2026 (FB)

DIE-CUT · PRINTED



- 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
- iiii all colours according to HKS, Pantone C, RAL
- iiii labelling with coloured side stripes to distinguish wards, buildings, departments, etc.

Dimension	25m 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

- iiii 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
- ${\ \ \ }$ all colours according to HKS, Pantone C, RAL

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

FIXTEXX 2009

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

Calaur	12,5 m roll	25 m roll	50m roll
Colour	Article no.	Article no.	Article no.
blue	66454	66444	66374
red	66455	66451	66375
green	66456	66452	66376
yellow	66457	66453	66377

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

FIXTEXX 2026

STANDARD ROLLS WITH A COLOURED FRAME

50m roll		
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

DIE-CUT PRINTED LABELS

DIGITAL LABEL ON A ROLL (DR)

DIGITALLY PRINTED

FIXTEXX 2041

WITH SIDE STRIPE



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

- iiii applications: hospitals, residential homes, laundries
- ::: suitable for industrial ironer
- ::: variant: die-cut, with side stripe
- thin, stable
- :::: self-adhesive
- ::: resistant to industrial washing
- iiii for flat textile and residents' laundry
- iiii all 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	25 m roll
	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!

- iii applications: various, e.g. article labelling
- iiii quality: PK 2001, permanent or removable

ON REQUEST

DIMENSIONS & QUANTITIES

::: available in different types of rolls

:::: versions: die-cut or endless,

various dimensions

::: wipe-off



FILM ADHESIVE LABELS (SK)

DIE-CUT OR ENDLESS · UNPRINTED

- iiii 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



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
- ::: resistant to industrial washing

COMPUTER TAPE

CT 2066

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
- ::: resistant to industrial washing
- iii quality: CT 2066
- iiii tested for harmful substances according to Oeko-Tex Standard 100

SUITABLE PRINTER / SUPPLY COMBINATIONS

	1	T3-S	E	Т	T4-N	1X	Т	T4-S	X		TT5-L			EOS1	
Max. Roll-Ø	2	200 mm		2	.05 m	m	205 mm		127 mm			155 mm			
Min. Roll core Ø	25,4 mm		38 mm 38		38 mm		25,4 mm		38 mm						
Max. Roll width	118 mm		116 mm		116 mm		108 mm		108 mm						
			1												
Roll length of the marking tape in m	12,5	25	50	12,5	25	50	12,5	25	50	12,5	25	50	12,5	25	50
CT tape, die-cut	~	~	~	~	V	~	~	V	~	~	***	***	~	~	
CT tape, endless*			~						~						
Fixtexx		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		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 Fixtexx 4000	I-C-9-sw I-C-7-sw I-C-6-sw R-C-1-sw	l-C-1-ws l-C-1-ro l-C-1-bl l-C-1-gr	yes	
CT 2041 Fixtexx 2041 CT 2042 Fixtexx 2042	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	washable*
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	no
SK 2005 SK 2006	R-S-1-sw R-S-1-sw		no



^{***} 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
PS08, PS09, PS10, PS11, PS12	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, GB2017, GB2018, GB2019, GB2020,	D-S-2-sw	D-S-1-ro
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		V
PS tapes, endless roll*		~	V						V	~
GB2006 tapes, endless roll*	~							V		
GB5000 tapes, endless roll*							V			
CK sew-in tapes* (CK2006-N-D, CT2066)	~	~						~	~	

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

