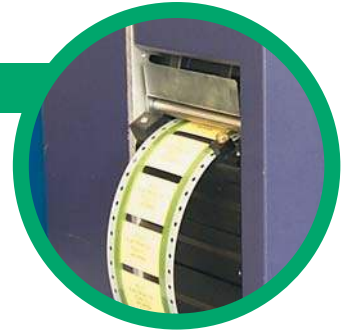


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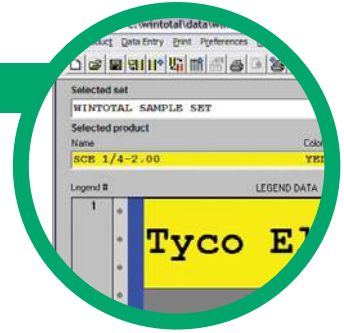
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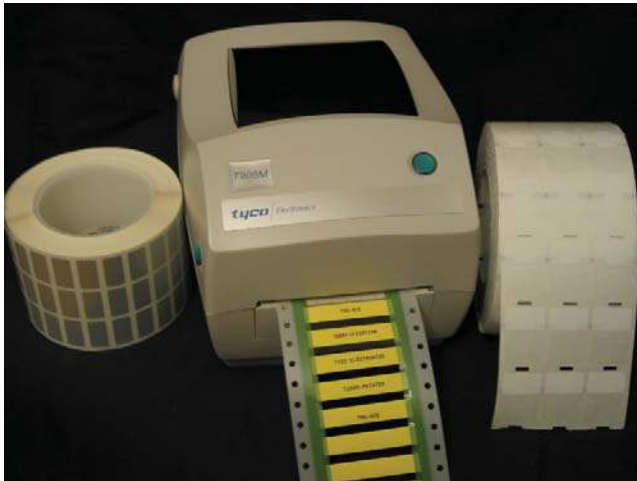


**T200 Series Portable thermal transfer printers**

The T200 series of printers are portable/desktop thermal transfer printers with a 4.1" print head offering an economical option for low volume customers who want to take advantage of thermal transfer printing technology. Their small, light weight design makes them ideal for applications requiring portability or in environments with multiple workstations where space is limited.

The T208M has a 200 dpi printhead; the T212M has a 300 dpi printhead for crisp, high quality text, barcodes and graphic images. Both printers are designed for use with Tyco Electronics range of TMS heat shrinkable wire marker sleeves and limited thermal transfer printable pressure sensitive label products.

T200 series printers are available with optional label spindle accessory. It externally holds a roll of labels on 3" core for easy dispensing.



**Printer Specifications**

Print head width	104mm (4.09")
Print head resolution	T208M: 8dpmm (203 dpi) T212M: 12dpmm (305 dpi)
Print speed (maximum)	51 mm/sec (2 inch/sec)
Media sensor	Transmissive (fixed) Reflective (fixed)
Memory	T208M: 256KB SRAM and 512KB Flash T212M: 512KB SRAM and 1MB Flash
Communication interface	Parallel (Centronics), serial (RS232), and USB
Printer dimensions	200mm W x 247mm D x 171mm H (7.9" W x 9.75" D x 6.75" H)
Printer weight	1.81 kg (4 lbs)
Shipping weight	4 kg (9 lbs)

**Media Specifications**

Maximum print width	104mm (4.09")
Maximum media width	118mm (4.65")
Minimum media width	28mm (1.12")
Maximum media roll diameter	127mm (5.0")
Media core diameter	25mm (1.0")
Ribbon wind	Ink side out

**Product Order Code**

T208M-PRINTER
T208M-C-PRINTER
T212M-PRINTER
T212M-C-PRINTER
T200-LABEL-SPINDLE

**Description**

T208M thermal printer - standard
T208M thermal printer - cutter option
T212M thermal printer - standard
T212M thermal printer - cutter option
External label roll holder for T200 printers

**tyco****Electronics**

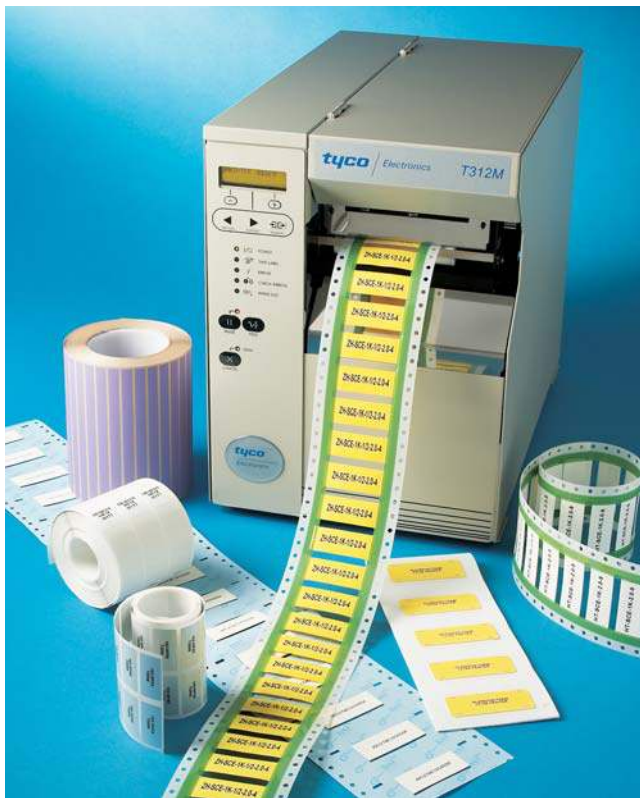
Printers

**T300 Series High performance, cost effective thermal transfer printers**

The T300 series printers are high performance, yet cost effective thermal transfer printers with a 4.1" printhead. The rugged and durable all metal construction makes them suitable for demanding industrial and commercial environments. The enhanced memory and 32 bit processor provide fast data processing and print speeds. Optional accessories are available for added convenience and efficiency.

The T308S and T308SN have a 200 dpi printhead for use with the Tyco Electronics range of thermal transfer printable pressure sensitive label products. The T308SN provides network capability for real time connectivity with the printer. With such connectivity, print jobs can be modified from any location over the Internet via Web-based tools. The T308SN printer is also capable of sending alerts via email enabled wired or wireless devices.

The 300 dpi printhead on the T312S, T312M and T312Z produces crisp, high quality text, barcodes and graphic images. The T312S and T312Z are for use with Tyco Electronics thermal transfer printable pressure sensitive label products. The color-coded operator cues and auto-calibration features make T312Z an affordable yet easy to use label printing system. The T312M is designed for use with Tyco Electronics TMS and HSI wire marker sleeves, as well as thermal transfer pressure sensitive label products.

**Printer specifications**

Print head width	104mm (4.09")
Print head resolution	T308S: 8dpmm (203 dpi) T312M/T312S/T312Z*: 12dpmm (305 dpi)
Print speed (maximum)	T308S/T312M/T312S: 203mm/sec (8 inch/sec) T312Z*: 154mm/sec (6 inch/sec)
Media sensor	Transmissive - adjustable Reflective (fixed)
Memory	T308S/T312M/T312S: 6MB DRAM and 2MB Flash T308SN: Additional 8MB flash memory in PCMCIA socket T312Z*: 4MB DRAM and 1MB Flash
Communication interface	Bi-directional parallel (Centronics) and serial (RS232)
Printer dimensions	T308S/T312M/T312S: 283mm W x 495mm D x 394mm H (11.2" W x 19.5" D x 15.5" H) T312Z*: 278mm W x 475mm D x 338mm H (10.93" W x 18.69" D x 13.32" H)
Printer weight	T308S/T312M/T312S: 25kg (55 lbs) T312Z*: 15kg (32.4 lbs)
Shipping weight	T308S/T312M/T312S: 29kg (63 lbs) T312Z*: 22kg (49 lbs)

**Media Specifications**

Maximum print width	104mm (4.09")
Maximum media width	114mm (4.48")
Minimum media width	T308S/T312M/T312S: 20mm (0.76") T312Z*: 25.4mm (1.0")
Maximum media roll diameter	203mm (8.0")
Media core diameter	76mm (3.0")
Ribbon wind	Ink side out

**Product order code****Description**

T308S-PRINTER	T308S thermal printer - standard
T308S-C-PRINTER	T308S thermal printer - cutter option
T308S-R-PRINTER	T308S thermal printer - internal rewind option
T308SN-PRINTER	T308S thermal printer - network capabilities
T312S-PRINTER	T312S thermal printer - standard
T312S-C-PRINTER	T312S thermal printer - cutter option
T312S-R-PRINTER	T312S thermal printer - internal rewind option
T312M-PRINTER	T312M thermal printer - standard
T312M-R-PRINTER	T312M thermal printer - internal rewind option
T312Z-PRINTER	T312Z thermal printer - standard*
T312Z-P-PRINTER	T312Z thermal printer - passive peel* option

\*Not available in Europe, Middle East or Africa

**T400 Series High performance and high speed thermal transfer printers**

The T400 series printers are high performance thermal transfer printers with narrow to wide printheads suitable for variety of mission critical applications. The rugged and durable metal construction makes them a top choice for demanding industrial and commercial needs.

The enhanced memory and dual 32-bit processor provide extremely fast data processing and print speeds. T400 series printers are the best option for high volume and 24 hour duty cycles. High speed of 12 inch/sec on T408M printers is well suited for the applications in which labels are needed quickly, either on demand or in batches. With the highest print resolution of 600 dpi printhead on the T424S produces unmatched quality of crisp, high quality text, barcodes and graphic images in a limited space - ideal for printing linear and 2-dimensional barcodes.

The T408M is designed for use with Tyco Electronics TMS and HSI wire marker sleeves, as well as thermal transfer pressure sensitive label products. The T424S is ideal for use with Tyco Electronics thermal transfer printable pressure sensitive label products.



**Printer specifications**

Print head width	T408M: 128mm (5.04") T424S*: 81mm (3.2")
Print head resolution	T408M: 8dpmm (203 dpi) T424S*: 23.5dpmm (600 dpi)
Print speed (maximum)	T408M: 305mm/sec (12inch/sec) T424S: 102mm/sec (4inch/sec)
Media sensor	Transmissive and reflective Reflective (fixed)
Memory	16MB SDRAM and 4MB Flash
Communication interface	Bi-directional parallel (Centronics), serial (RS232), and USB 2.0
Printer dimensions	T408M: 283.2mm W x 495.3mm D x 393.7mm H (11.15" W x 19.5" D x 15.5" H) T424S*: 263.5mm W x 495.3mm D x 393.7mm H (10.37" W x 19.5" D x 15.5" H)
Printer weight	T408M: 25kg (55 lbs) T424S*: 22.7kg (50 lbs)
Shipping weight	T408M: 29kg (63 lbs) T424S*: 27kg (59 lbs)

**Media Specifications**

Maximum print width	T408M: 128mm (5.04") T424S*: 81mm (3.2")
Maximum media width	T408M: 140mm (5.51") T424S*: 114mm (4.5")
Minimum media width	T408M: 40mm (1.57") T424S*: 20mm (0.76")
Maximum media roll diameter	203mm (8.0")
Media core diameter	76mm (3.0")
Ribbon wind	Ink side out

**Product order code**

T408M-PRINTER	
T408M-R-PRINTER	

**Description**

T408M thermal printer - standard
T408M thermal printer - internal rewind option

T424S-PRINTER
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T424S thermal printer - standard*
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\*Not available in Europe, Middle East or Africa

T400 Series printers are available with wider printhead configurations for speciality identification applications. Contact Tyco Electronics for such product requirements.



## T612M-DS Double sided thermal transfer printer

Specifically designed by Tyco Electronics, the T6 12M-DS printer answers a common need in heat-shrinkable wire and cable identification markers: single-pass printing onto both the front and back side of the markers simultaneously. Specifically developed and modified by Tyco Electronics for this application, the T6 12M-DS is a high duty cycle, industrially robust thermal transfer printer. It will print onto the complete range of TMS System Six heat-shrinkable markers in all sizes from  $\frac{3}{32}$ " (2.4 mm) to  $2\frac{1}{4}$ " (57.2 mm). The data printed onto the two sides of each marker can be identical or different, same side up or flipped.



### Printer specifications

Print head width	128 mm (5.04")
Print head resolution	12 dpmm (304 dpi)
Print speed (maximum)	50 to 128 mm per second (2 [recommended] to 5 inches per second)
Media sensor	Transmissive and gap
Memory	12MB DRAM and 1 MB flash
Communication interface	Parallel (centronics) and serial (RS232/422)
Printer dimensions	559 mm W x 432 mm D x 508 mm H (22" W x 17" D x 20" H)
Printer weight	38 kg (84 lbs)
Shipping weight	51 kg (112 lbs)

### Media specifications

Maximum print width	112mm (4.4")
Maximum media width	117 mm (4.625")
Maximum media roll diameter	254 mm (10.0")
Media core diameter	26 mm (3.0")
Ribbon wind	Ink side out

### Product order code

T6 12M-DS-PRINTER

### Description

Tyco Electronics T6 12M-DS thermal printer – standard

**AM6310 Heavy duty dot matrix printer**

Specifically designed by Tyco Electronics, the AM6310 is a heavy duty industrial dot matrix printer with a high impact 24-pin print head. Automatic media thickness detection and a high impact print head make the AM6310 the best industrial printer available for heavy gauge wire marker and tag materials, and the 24-pin print head produces high quality text printing with fast print speeds. Standard AM6310 printer models are designed to print on Tyco Electronics HSI wire marker sleeves and dot matrix pressure sensitive label and tag products. AM6310D models are equipped with dual tractor mechanism necessary for guiding TMS sleeve product range. Such dual tractor models can also print on HSI and dot matrix label and tag product range.



**Printer specifications**

Print head	24-pin high-impact dot matrix
Print speed	Max. high-speed draft: 600 cps at 12 cpi Letter quality: 160 cps at 12 cpi
Print direction	Bi-directional, logic seeking
Control panel	LCD, 12 keys, select-dial and quick access setup menu
Feed mechanism	Tractor (single or dual)
Memory	2 MB flash
Input buffer	80 KB
Communication interface	Parallel port (centronics 36-pin) and serial port (RS232/DB25)
Printer dimensions	483 mm W x 427 mm D x 208 mm H 19.0" W x 16.0" D x 8.2" H
Printer weight	18.1 kg (40 lbs)

**Media specifications**

Maximum print width	279 mm (11.0")
Maximum media width	305 mm (12.0")
Minimum media width	25 mm (1.0")

**Product order code**

- AM6310-110V
- AM6310-230V
- AM6310D-110V
- AM6310D-230V

**Description**

- Tyco Electronics AM6310 dot matrix printer – standard 110 V
- Tyco Electronics AM6310 dot matrix printer – standard 230 V
- Tyco Electronics AM6310 dot matrix printer – dual tractor 110 V
- Tyco Electronics AM6310 dot matrix printer – dual tractor 230 V

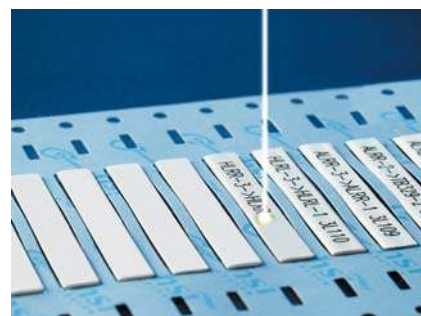
**LMS-9000 Laser marker**

The LMS-9000 laser marker is a low maintenance laser marking system designed for high volume users. It is a highly automated system including cutting to length, postmark rewinding and double sided, one step sleeve marking.

Integrated with WinTotal marker sleeve/label marking software, it is designed for Tyco Electronics wire identification sleeves and selected labels.

**Features and benefits**

- Simultaneous double-sided laser marking option for marker sleeves saves considerable time and eliminates any margin for error.
- Optional handling system designed to handle several Tyco Electronics products.
- Laser marking and cutting for kitting in one integrated step eliminates post print cutting and kitting.
- Virtually no product wastage during marking, thanks to a state of the art product recognition and jogging system.
- Optional scoring and marking feature for label products.
- Modular design for easy placement and re-installation.
- Fully integrated software and hardware.
- On screen diagnostics.
- Meets all relevant US and European laser equipment standards.
- Laser parameters pre-set and software controlled.



Product order code	Description
LMS-9000	Tyco Electronics LMS-9000 laser – standard <i>*Please contact your local Tyco Electronics representative for product configuration per your application.</i>

**SPECIAL NOTE:**

Tyco Electronics also offers a pre-printing service to customers who need high quality, durable, permanent laser markers, yet do not want to invest in the purchase of LMS-9000 equipment at this time. All pre-printed laser markers, labels or tags are produced to out exacting quality, manufacturing standards and meet applicable mark permanence specifications. A variety of System Six and HSI products including TMS-SCE, D-SCE, HT-SCE, HL, HLX, HS and HX are available for pre-print base materials along with many label materials.

Please contact your local Tyco Electronics representative to find out more about our laser pre-print services.

**LDS-100 Label dispensers**

Tyco Electronics label dispensers advance the art of label dispensing with their ability to dispense virtually any type of label, whether opaque, semi-transparent, or even completely transparent! These fast loading dispensers accept labels up to 4.5" and will accurately and rapidly advance them for instant picking. Equipped with advanced sensor technology, these dispensers reliably peel a label from its backing and present it ready to pick. As soon as a label is picked from the dispenser, the next one is automatically and instantly advanced.

LDS-100 dispensers are very easy to use and setup. A "High-Low" speed switch and an adjustable sensor on LDS-100 precisely matches label length and solves any label curling problems.

LDS-100S has a variable speed control and includes an On-Off foot switch. It can continuously advance labels at a chosen rate. It is ideal for production lines and for small label dispensing applications.



**Printer specifications**

Maximum label width	114 mm (4.5")
Minimum label width	LDS-100: 25.4 mm (1") LDS-100S: no minimum width
Minimum label length	LDS-100: 12.7 mm (0.5") LDS-100S: no minimum length
Maximum label roll diameter	220 mm (8.6")
Maximum core diameter	76.2 mm (3")
Minimum core diameter	38.1 mm (1.5")
Power Requirements	120 VAC 60 Hz
Physical Dimensions	305mm W x 229mm D x 229mm (12" W x 9" D x 9" H)
Shipping weight	6.8 kg (15 lbs)

**Product order code**

LDS-100	Label dispenser - standard*
LDS-100S	Label dispenser - with foot switch*

**Description**

\*Not available in Europe, Middle East or Africa



These fast, flexible and affordable multi-directional rewinders are designed to use with thermal transfer printers. These rewinders rewind printed rolls of labels for use at a later time. A switch conveniently controls the amount of rewind force. No awkward tensioning arms, troublesome belts, or clutches are used and no speed adjustments are required. Tyco Electronics label rewriter automatically adjusts to any printer speed up to 10-ips. Small foot print and flexibility to use any core diameter from 1" to 4" makes them indispensable companion accessory for your label printer.

**Printer specifications**

Maximum label width	127mm (5")
Maximum label roll diameter	220mm (8.6")
Maximum core diameter	102mm (4")
Minimum core diameter	25.4mm (1") or coreless
Max Speed	254mm/sec (10in/sec)
Direction	Bi-directional
Power Requirements	120 VAC 60 Hz
Physical Dimensions	152mm W x 229mm D x 280mm (6" W x 9" D x 11" H)
Shipping weight	6.8 kg (15 lbs)

**Product order code**

RWD-100

**Description**

Label rewriter - standard\*

\*Not available in Europe, Middle East or Africa



**BSC-100 Barcode Scanners**

Tyco Electronics BSC-100 barcode scanners are cost effective, full featured, and fast barcode readers. These combine high image transfer speed with exceptional image quality. Their omnidirectional reading capability allows fast and easy reading of EAN-UCC composite codes, 2-dimensional (PDF4 17, datamatrix) and Postal codes. It comes with USB connection ready to "point and shoot" at a complicated looking 2-dimensional barcode or a simple linear code. It can be used in a wide range of commercial and industrial applications within government/postal, military, healthcare, logistics, manufacturing and retail sectors.



**General specifications**

Symbologies	2 Dimensional: PDF4 17, MicroPDF4 17, MaxiCode, DataMatrix, QR Code, Aztec, Aztec Mesas, Code 49 and EAN-UCC composite
	Linear: Codabar, Code 39, Interleaved 2 of 5, Code 93, Code 128, UPC, EAN, RSS, and Codablock
	Postal: Postnet, Planet Code, British Post, Canadian Post, Japanese Post, KIX
	OCR fonts: OCR-A, OCR-B
Power Requirements	4.5 - 12 VDC - powered through USB port
Physical Dimensions	81mm W x 135mm L x 157mm H (3.2" W x 5.3" L x 6.2" H)
Weight	184.3g (6.5 oz)

**Product order code**

BSC-100

**Description**

Barcode scanner - standard\*

\*Not available in Europe, Middle East or Africa

**tyco**

Electronics

Ribbons

**Thermal transfer ribbons****RJS-4RPSCE**

Tyco Electronics RJS-4RPSCE is a high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics TMS-SCE and RPS wire marker sleeve products. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

**General specifications**

Ribbon width	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312M, T312Z**, T408M, T612M-DS
Compatible materials	TMS-SCE, RPS, SB

\* Available in additional sizes by custom quotation - \*\*Not available in Europe, Middle East or Africa

**Ordering information**

Product order code	TMS-RJS-RIBBON-4RPSCE
Description	Tyco Electronics 4RPSCE thermal transfer ribbon for T308S, T312S, T312M, T312Z**, T408M and T612M-DS printers

\*\*Not available in Europe, Middle East or Africa

**101-4RPSCE**

Tyco Electronics 101-4RPSCE is a high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics TMS-SCE, RPS wire marker sleeve products and SB self-laminating labels. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

**General specifications**

Ribbon width	110 mm (4.33 inches)
Ribbon length	74 meters (242 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T208M, T212M
Compatible materials	TMS-SCE, RPS, SB

**Ordering information**

Product order code	TMS-101-RIBBON-4RPSCE
Description	Tyco Electronics 4RPSCE thermal transfer ribbon for T208M and T212M printers

**RJS-4HT**

Tyco Electronics RJS-4HT is a high temperature black resin thermal transfer ribbon tested and approved for use on Tyco Electronics HT-SCE high temperature wire marker sleeve products. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

**General specifications**

Ribbon width	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T312M, T408M, T612M-DS
Compatible materials	HT-SCE, HTCM-SCE-TP (T312M only)

**Ordering information**

Product order code	TMS-RJS-RIBBON-4HT
Description	Tyco Electronics 4HT thermal transfer ribbon for T312M, T408M and T612M-DS printers

Ribbons

Thermal transfer ribbons (Cont'd)

101-4HT

Tyco Electronics 101-4HT is a high temperature black resin thermal transfer ribbon tested and approved for use on Tyco Electronics HT-SCE high temperature wire marker sleeve products. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	74 meters (242 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T208M, T212M
Compatible materials	HT-SCE

Ordering information

Product order code	TMS-101-RIBBON-4HT
Description	Tyco Electronics 4HT thermal transfer ribbon for T208M and T212M printers

RJS-4ZH

Tyco Electronics RJS-4ZH is a high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics ZH-SCE zero halogen wire marker sleeve products. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T312M, T408M,
Compatible materials	ZH-SCE

Ordering information

Product order code	TMS-RJS-RIBBON-4ZH
Description	Tyco Electronics 4ZH thermal transfer ribbon for T312M and T408M

T200-4ZH

Tyco Electronics 101-4ZH is a high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics ZH-SCE zero halogen wire marker sleeve products. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	74 meters (242 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T208M, T212M
Compatible materials	ZH-SCE

Ordering information

Product order code	T200-RIBBON-4ZH
Description	Tyco Electronics 4ZH thermal transfer ribbon for T208M and T212M printers

1910

Tyco Electronics 1910 is a high durability high contrast resin/wax thermal transfer ribbon tested and approved for use on the HLX-zero halogen cable marker tape and the HXTM-FB rail tags. For reliable print performance use with Tyco Electronics recommended printers.

General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin/wax
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T312M, T408M
Compatible materials	HLX, HXTM-FB

Ordering information

Product order code	1910-RIBBON-4T300
Description	Tyco Electronics 1910 thermal transfer ribbon for T312M and T408M printers

## 1966 - RIBBON

Tyco Electronics 1966-RIBBON is an ultra-high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics HX, HX-SCE and D-SCE wire marker sleeves as well as CM-SCE-TP and HLX cable markers. See right for compatible materials. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

## T200-RIBBON-1966

Tyco Electronics T200-RIBBON-1966 is an ultra-high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics HX-SCE wire marker sleeves. See right for compatible materials. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

## 1950

Tyco Electronics 1950 is a high durability black resin/wax thermal transfer ribbon tested and approved for use on Tyco Electronics thermal transfer printable H.S.I. wire marker sleeves and HL cable marker products. See right for compatible materials. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

## RHQ

Tyco Electronics RHQ is a high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics thermal transfer printable pressure sensitive labels. See right for compatible materials. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

## Ribbons

## Thermal transfer ribbons (Cont'd)

**General specifications**

Ribbon width	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printer	T312MS
Compatible materials	CM-SCE-TP, D-SCE, HLX, HS, HX, HXTM-FB

**Ordering information**

Product order code	19660-RIBBON
Description	Tyco Electronics 1966 thermal transfer ribbon for T312M

**General specifications**

Ribbon width	110 mm (4.33 inches)
Ribbon length	74 meters (242 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T312MS
Compatible materials	HX-SCE

**Ordering information**

Product order code	T200-RIBBON-1966
Description	Tyco Electronics 19660 thermal transfer ribbon for T212M

**General specifications**

Ribbon width	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin/wax
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T312M
Compatible materials	HC, HL, HS

**Ordering information**

Product order code	1950-RIBBON-4T300
Description	Tyco Electronics 1950 thermal transfer ribbon for T312M

**General specifications**

Ribbon width*	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Wax/Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312M, T312S, T312Z**, T408M
Compatible materials	SB, NC, WP, HW, MP, HM, MV

\*Available in additional sizes by custom quotation

\*\*Not available in Europe, Middle East or Africa

**Ordering information**

Product order code	1330-0606-10
Description	Tyco Electronics RHQ thermal transfer ribbon for all T300 and T400 printers



#### Thermal transfer ribbons (Cont'd)

##### RHD

Tyco Electronics RHD is a high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics thermal transfer printable pressure sensitive labels. See right for compatible materials. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

##### General specifications

Ribbon width*	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312M, T312S, T312Z**, T408M
Compatible materials	CP, HM, HMM, HPK, HW, MP, MV, NC, PVF, TN, TTP, WP, WV, TP

\*Available in additional sizes by custom quotation

\*\*Not available in Europe, Middle East or Africa

##### Ordering information

Product order code	1330-0607-10
Description	Tyco Electronics RHD thermal transfer ribbon for all T300 and T400 printers

##### RHD-T200

Tyco Electronics RHD-T200 is a high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics thermal transfer printable pressure sensitive labels. See right for compatible materials. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

##### General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	74 meters (242 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T208M, T212M
Compatible materials	HM, HMM, HW, MP, MV, NC, TN, TTP, WP, WV

##### Ordering information

Product order code	1330-0607-T200
Description	Tyco Electronics RHD thermal transfer ribbon for T208M and T212M printers

##### RHT

Tyco Electronics RHT is a high temperature black resin thermal transfer ribbon tested and approved for use on Tyco Electronics thermal transfer printable Kapton® labels. See right for compatible materials. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

##### General specifications

Ribbon width*	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312M, T312S, T312Z**, T408M
Compatible materials	T1K, T2K, TSK, T2Y, KTT

\*Available in additional sizes by custom quotation

\*\*Not available in Europe, Middle East or Africa

##### Ordering information

Product order code	1330-0619-10
Description	Tyco Electronics RHT thermal transfer ribbon for all T300 and T400 printers

##### RS

Tyco Electronics RS is a high quality black wax thermal transfer ribbon tested and approved for use on Tyco Electronics thermal transfer printable paper labels. See right for compatible material. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

##### General specifications

Ribbon width*	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Wax
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312M, T312S, T312Z**, T408M
Compatible materials	EP

\*Available in additional sizes by custom quotation

\*\*Not available in Europe, Middle East or Africa

##### Ordering information

Product order code	1330-0600-10
Description	Tyco Electronics RS thermal transfer ribbon for all T300 and T400 printers

**tyco****Electronics****RS-T200**

Tyco Electronics RS-T200 is a high quality black wax thermal transfer ribbon tested and approved for use on Tyco Electronics thermal transfer printable paper labels. See right for compatible material. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

## Ribbons

**Thermal transfer ribbons (Cont'd)****General specifications**

Ribbon width	110 mm (4.33 inches)
Ribbon length	74 meters (242 feet)
Ink	Wax
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T208M, T212M
Compatible materials	EP

**Ordering information**

Product order code	1330-0600-T200
Description	Tyco Electronics RS thermal transfer ribbon for T200 printers

**3300**

Tyco Electronics 3300 is a high durability black resin thermal transfer ribbon tested and approved for use on Tyco Electronics thermal transfer printable pressure sensitive labels. See right for compatible materials. For reliable print performance and durability use with Tyco Electronics recommended compatible printers.

**General specifications**

Ribbon width*	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	Black
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312S, T312M, T408M
Compatible materials	PVF, TTVF

\*Available in additional sizes by custom quotation

**Ordering information**

Product order code	1330-3300-10
Description	Tyco Electronics 3300 thermal transfer ribbon for all T300 and T400 printers

**T300-WH**

White resin based ribbons are available to print on Tyco Electronics TMS-SCE wire marker sleeve products. For print performance and durability use with Tyco Electronics recommended compatible printers.

**General specifications**

Ribbon width	110 mm (4.33 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	White
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312S, T312Z**, T312M and T408M
Compatible materials	TMS-SCE (T312M only), CP, TTP

\*\*Not available in Europe, Middle East or Africa

**Ordering information**

Product order code	T300-RIBBON-WH
Description	Tyco Electronics thermal transfer ribbon for T300 and T400 printers

**T300-WH-4HT**

White resin based ribbons are available to print on Tyco Electronics HT-SCE wire marker sleeve products. For print performance and durability use with Tyco Electronics recommended compatible printers.

**General specifications**

Ribbon width	114 mm (4.49 inches)
Ribbon length	300 meters (984 feet)
Ink	Resin
Standard color	White
Ribbon wind direction	Ink side out
Compatible printers	T312M, T408M
Compatible materials	HT-SCE

**Ordering information**

Product order code	T300-RIBBON-WH-4HT
Description	Tyco Electronics thermal transfer white ribbon for all T308M, T312M and T408M printers

### T200-WH

White resin based ribbons are available to print on Tyco Electronics TMS-SCE wire marker sleeve products. For print performance and durability use with Tyco Electronics recommended compatible printers.

## Ribbons

### Thermal transfer ribbons (Cont'd)

#### General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	70 meters (230 feet)
Ink	Resin
Standard color	White
Ribbon wind direction	Ink side out
Compatible printers	T208M, T212M
Compatible materials	TMS-SCE, HM, MP, MV, TTP

#### Ordering information

Product order code	T200-RIBBON-WH
Description	Tyco Electronics thermal transfer white ribbon for T200 printers

### T200-WH-4HT

White resin based ribbons are available to print on Tyco Electronics HT-SCE wire marker sleeve products. For print performance and durability use with Tyco Electronics recommended compatible printers.

#### General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	74 meters (242 feet)
Ink	Resin
Standard color	White
Ribbon wind direction	Ink side out
Compatible printers	T208M, T212M
Compatible materials	HT-SCE

#### Ordering information

Product order code	T200-RIBBON-WH-4HT
Description	Tyco Electronics thermal transfer white ribbon for T200 printers

### RHCA

RHCA resin based ribbons are specifically designed to print on polyester or metalized polyester Tyco Electronics label products. For print performance and durability use with Tyco Electronics recommended compatible printers. It is not suitable to print on paper or self-laminating products.

#### General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	91 meters (300 feet)
Ink	Resin
Standard color	Red, Blue and Green (see ordering information below)
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312M, T312S, T312Z** and T408M
Compatible materials	CP, HW, HM, HPK, HMM, MP, MV, PVF, WP, WV

*\*\*Not available in Europe, Middle East or Africa*

#### Ordering information

Product order codes	1330-0620-10 (Red)	1330-0621-10 (Blue)	1330-0622-10 (Green)
Description	Tyco Electronics thermal transfer color ribbon for all T300 and T400 printers		

### RHCB

RHCB wax-resin based ribbons are specifically designed to print on paper and self-laminating Tyco Electronics label products. For print performance and durability use with Tyco Electronics recommended compatible printers.

#### General specifications

Ribbon width	110 mm (4.33 inches)
Ribbon length	300 meters (9840 feet)
Ink	Wax-Resin
Standard color	Red, Blue and Green (see ordering information below)
Ribbon wind direction	Ink side out
Compatible printers	T308S, T312M, T312S, T312Z** and T408M
Compatible materials	EP, SB

*\*\*Not available in Europe, Middle East or Africa*

#### Ordering information

Product order codes	1330-0630-10 (Red)	1330-0631-10 (Blue)	1330-0632-10 (Green)
Description	Tyco Electronics thermal transfer color ribbon for all T300 and T400 printers		

**tyco****Electronics**

Ribbons

**Dot matrix ribbons****RIBBON A**

Tyco Electronics RIBBON A is a permanent black ink dot matrix ribbon tested and approved for use on Tyco Electronics TMS-SCE wire marker sleeves and RMK-6 products on the LQ870 printer. See right for compatible materials.

**General specifications**

Ink	Standard
Standard color	Black
Compatible printer	LQ870
Compatible materials	CM-SCE, D-SCE, RMK-6, RPS, TMS-SCE

**Ordering information**

Product order code	TMS-SYSTEM-SIX-RIBBON-A
Description	Tyco Electronics dot matrix Ribbon A for LQ870 printer

**QUICK-DRY LQ870**

Tyco Electronics QUICK-DRY LQ870 is a quick drying indelible black ink dot matrix ribbon tested and approved for use on Tyco Electronics dot matrix printable pressure sensitive labels on the LQ870 printer. See right for compatible materials.

**General specifications**

Ink	RI Quick-Dry
Standard color	Black
Compatible printer	LQ870
Compatible materials	C, DMVF, E, HLTM, K, M, NMX, PV, TW

**Ordering information**

Product order code	1330-0037-00
Description	Tyco Electronics Quick-Dry dot matrix ribbon for LQ870 printer

Dot matrix ribbons

**STANDARD AM6310**

Tyco Electronics STANDARD AM6310 is a permanent black ink dot matrix ribbon tested and approved for use on Tyco Electronics wire marker sleeves and cable marker products on the AM6310 printer. See right for compatible materials.

**General specifications**

Ink	Standard
Standard color	Black
Compatible printer	AM6310, AM6310D
Compatible materials	CM-SCE, D-SCE*, HC, HL, HLTM-FB, HM, HS, RMK-6, RPS*, TMS-SCE*, MultiMark

**Ordering information**

Product order code	1892BK04-RIBBON
Description	Tyco Electronics standard dot matrix ribbon for AM6310 printer
<i>* Available only with AM6310D models</i>	

**HIGH-PERF AM6310**

Tyco Electronics HIGH-PERF AM6310 is a high performance, permanent black ink dot matrix ribbon tested and approved for use on Tyco Electronics wire marker sleeves and cable marker products on the AM6310 printer. See right for compatible materials.

**General specifications**

Ink	High performance
Standard color	Black
Compatible printer	AM6310, AM6310D
Compatible materials	HM, HX

**Ordering information**

Product order code	1892BK03-HIGH-PERF-RIBBON
Description	Tyco Electronics high performance dot matrix ribbon for AM6310 printer

**QUICK-DRY AM6310**

Tyco Electronics QUICK-DRY AM6310 is a quick drying indelible black ink dot matrix ribbon tested and approved for use on Tyco Electronics dot matrix printable pressure sensitive labels on the AM6310 printer. See right for compatible materials.

**General specifications**

Ink	RI Quick-Dry
Standard color	Black
Compatible printer	AM6310, AM6310D
Compatible materials	C, DMVF, E, HLTM, HPC, HPTM, K, M, NMX, PV, TW

**Ordering information**

Product order code	1892BK01
Description	Tyco Electronics Quick-Dry dot matrix ribbon for AM6310 printer



## WinTotal Wire marker and label printing software

WinTotal software is a powerful 32-bit label/marker design package that makes wire marker printing simple in an industrial environment. Running in the familiar Windows environment, the package is pre-loaded with all the Tyco Electronics wire identification products to facilitate marker design. The software features a highly graphical user interface to simplify operator training and minimize errors. The Windows environment gives access to a huge array of font options, including non-English fonts such as Chinese, Japanese and Hebrew (when used with appropriate operating systems or add-on software), and also allows simple importing and manipulation of graphics and logos. Bar code printing is available.

WinTotal software supports all common wire identification needs, including:

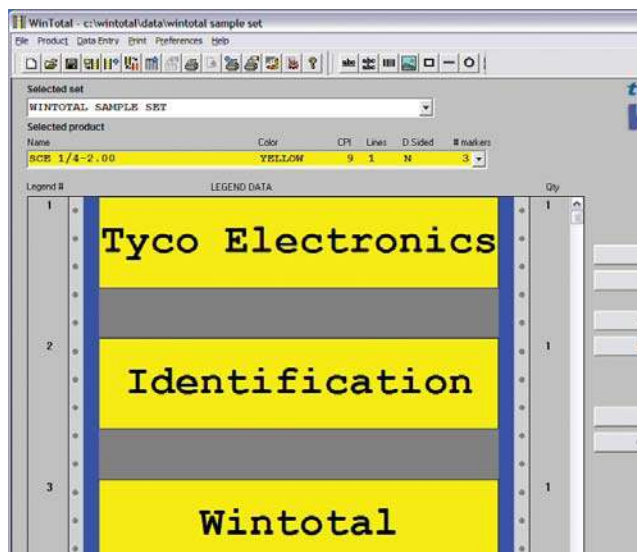
- Manual printing
- Automatic set printing from spreadsheets, databases or other CAD systems (including Tyco Electronics's HarnWare® harness design software package)
- Incremental alpha and numeric fields
- Double-sided marker printing
- Automatic or manual routing or multiple printers
- Paper output option
- Wraparound marker production
- User-defined products
- Programmable buttons for repeated data insertion

The software can be password protected at different levels to prevent unauthorized use, and can be run on networked computers so that the design function can be separated from printing. The display can be set to several different languages, and a full on-screen Help function is incorporated.

Running behind the simple WinTotal user interface is a powerful label-making package, so the software can be used to design and print general labeling applications such as rating plates and shipping labels.

### Features and benefits

- Powerful wire marker design and print software.
- Familiar Windows user environment.
- Pre-loaded with Tyco Electronics identification products.
- Powerful import and export functions: reads wire lists from spreadsheets, databases and text files from CAD systems.
- Printer multi-tasking.
- Multiple on-screen languages.



**Features & benefits (continued)**

**Label design**

- WYSIWYG label design and display.
- Align text left, right, justified or center.
- Built-in printer font support.
- Windows True Type fonts.
- Lines, boxes and graphic images.
- Resize, rotate and stretch text, graphics and bar codes.
- Thumbnail preview of saved labels.

**Printing**

- Set and batch printing capabilities.
- Multiple application port printing (MAPP).
- Double sided marker printing.
- Local or network printer support.
- Number of identical or serialized copies selectable from database.

**Serialization**

- Increment or decrement by any interval.
- Numeric, alphanumeric and custom base serialization.

**Database options**

- Microsoft ODBC support, including: Access, Excel and dBase.
- ASCII text files.
- AutoCad importing.

**Data management**

- Visual Basic scripting for custom data processing.
- Sharable data fields.
- Multiple products within one set or batch.

**Minimum recommended computer configuration**

Computer	IBM-compatible PC
Processor	Intel Pentium® processor, 400 MHz minimum
RAM	64 MB minimum (128 MB for Windows NT, 2000 and XP)
Operating system	Windows 95, 98, ME or NT (Service pack 6), 2000 and XP
Disk space required	25 MB minimum

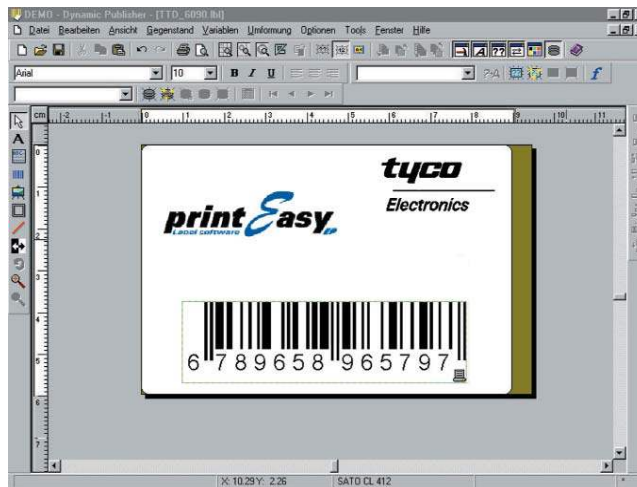
**Other technical information**

Barcode types	Codabar, code 39, code 93, code 128, EAN-13, EAN-8, UPC-E, Interleaved 2/5, ITF (DUN14), PDF 417, DataMatrix
Company logo or graphics	Can be imported in BMP, PCX, MSP, WMF, JPG, JIF, GIF formats
Text and graphics	Can be rotated, moved or resized

**Ordering information**

Ordering description	Product description
TMS-WINTOTAL-SWARE	Tyco Electronics Wire Marker Printing Software – Windows, 32 bit

Tyco Electronics PrintEasy is a powerful yet easy to use Windows based label design and printing software. With PrintEasy you can quickly and easily combine bar codes, text and graphics into professional quality labels. Carefully organized menus and pop-up dialogs display all your options in plain, easy to understand words. The true WYSIWYG display allows you to create and view your labels with precision, giving you total control over your labels' appearance before printing. PrintEasy is ideal for use with the Tyco Electronics range of thermal transfer printable pressure sensitive label products. PrintEasy is pre-loaded with all of Tyco Electronics's standard thermal transfer label templates, which allows you to simply select the Tyco Electronics part number you want to print and you are ready to go!



#### Features & benefits

##### Support

- Free technical support.
- OS Support: Windows 95, 98, ME, NT, 2000, XP.
- International language support.

##### Label design

- True WYSIWYG label design and display.
- Built-in printer font support.
- Windows True Type fonts.
- Reverse (white on black) text printing.
- Align text left, right, justified or center.
- Unlimited Undo/Redo command.
- Lines, boxes and graphic images.
- Import graphics in BMP, JPG, TIF, PCX, DCX, DIB, EPS and others.
- Resize, rotate and stretch objects.
- Thumbnail preview of saved labels.
- Metric and US measurement systems.

##### Bar codes

- Numerous 1D and 2D symbologies.
- Unlimited width and height.
- Sequentially numbered bar codes.
- Place characters above or below bar codes or do not print.
- Option to display Start/Stop characters.

##### Printing

- Printer-based bar codes and serial numbers.
- Speed optimization using repetitive data control.
- Local or network printer support.
- Performance-enhancing printer controlled serialization.
- Number of identical or serialized copies selectable from database.

### Features & benefits (continued)

#### Serialization

- Increment or decrement by any interval.
- Separate Rollover/Rollunder and Value Reset options.
- Preserve or expand field length when rolling over.
- Numeric, alphanumeric and custom base serialization.

#### Database options

- Microsoft ODBC support, including: Access, Btrieve, dBase, Excel, Oracle, Paradox, Clipper, FoxPro, Interbase and more.
- ASCII text files.
- SAP (mySAP.com and R/3).
- Versatile multiple-table data access.
- Import variable graphics from databases.
- Data query wizard.
- Individual record-picking at print time.

#### Data management

- Visual Basic scripting for custom data processing.
- User-definable minimum and maximum field lengths.
- Customizable data-entry filters and error checking.
- Multi-data source selection per label object.
- Easy entry of special and unprintable control characters.
- Sharable data fields.
- Customizable message box handling.

#### Integration

- Command line interface option.
- Pre-loadable into "background" to avoid start-up delays.
- Dynamically selectable label formats and data sources.
- Error logging.

#### Minimum recommended computer configuration

Computer	IBM-compatible PC
Processor	Intel Pentium® processor, 200 MHz minimum
RAM	32 MB minimum
Operating system	Windows 95, 98, ME or NT (Service pack 6), 2000 and XP
Disk space required	15MB to 80 MB minimum (depending on installation options)

#### Ordering information

Ordering description	Product description
PRINTEASY –BASIC	Tyco Electronics Label Printing Software – Windows, 32 bit version for Laser and Inkjet printers**
PRINTEASY –ECC4	Tyco Electronics Label Printing Software – Windows, 32 bit version for Laser, Inkjet, ECC4 and T200 printers**
PRINTEASY –PRO	Tyco Electronics Label Printing Software – Windows, 32 bit version for Laser and Inkjet and Full Thermal Transfer support
PRINTEASY –SUITE	Tyco Electronics Label Printing Software – Windows, 32 bit version for Laser and Inkjet and Full Thermal Transfer support with additional modules
PRINTEASY –NET05	Tyco Electronics Label Printing Software – Windows, – Network version with 5 user license
PRINTEASY –NET10	Tyco Electronics Label Printing Software – Windows, – Network version with 10 user license

\*\*Available in Europe, Middle East and Africa

**Hot Air Gun**

The Tyco Electronics Hot Air Gun is an electronic heating tool with adjustable heat settings from +49°C to +593°C (+120°F to +1100°F), and automatic temperature control for precise temperature output. It is ideal for use with the Tyco Electronics range of TMS and H.S.I. heat shrinkable wire marker sleeves. This Hot Air Gun is lightweight in design with easy, quiet operation. The ceramic encapsulated heating element provides exceptional durability and long life.

Optional accessories are available for added convenience and efficiency.

**Specifications**

120 V power requirement	120 V, 60 Hz, 12.5 A
230 V power requirement	230 V, 50 Hz, 8.7 A
Rated heater element power	1500 W
Weight	850 g (1.9 lb)
Cord length	2.4 m (8 ft)
Typical temperature output	+49°C to +593°C    +120°F to +1100°F

**Optional accessories and replacement parts**

HL1802E-BENCH-STD	Bench stand, clip-on.
HL1802E-074616	Reflector nozzle, for small diameter sleeves/tubing
HL1802E-070519	Reflector nozzle, for large diameter sleeves/tubing
HL1802E-070618	Reduction nozzle (9 mm), for pinpoint air-flow control

**Ordering description    Product description**

HL1802E-KIT-120V	Hot air gun kit, 120 V power/reflector accessory (small)
HL1802E-KIT-230V	Hot air gun kit, 230 V power /reflector accessory (small)

