

HTC Tie-on Cable Markers (continuous format)

HTC cable markers are designed to be the perfect solution for fast, permanent and cost effective marking of cable, conduit, pipes and valves. The die-cut cable tie slots make application of printed markers both quick and simple. The product is manufactured from industry leading LFH material making them ideal for applications where low smoke, low toxicity and zero halogen properties are critical.



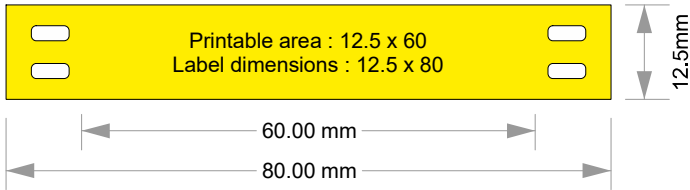
Technical Data

EN45545-2 R22/R23/R24 HI3
 MIL-STD-202 Method 215
 SAE AS5942
 BS 6853 Vehicle CAT 1 A
 London Underground 1-085 A3
 NF F 16-101 Classification A1
 Operating temperature -40°C to +105°C

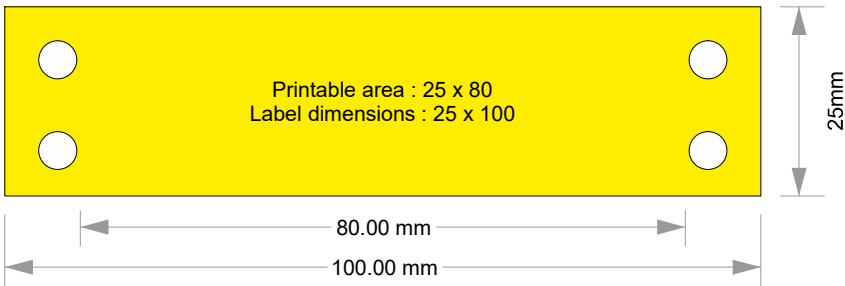


Printer Ribbon Part Numbers

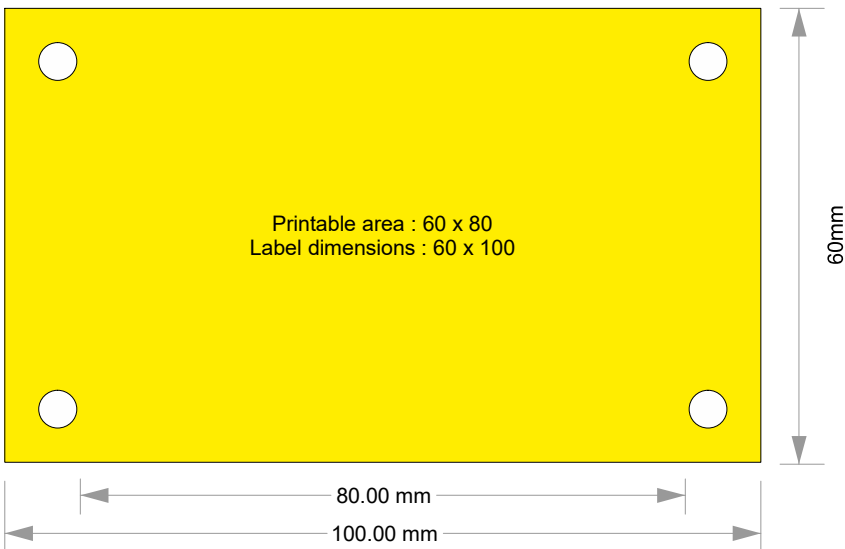
1966-RIBBON TE High performance black ribbon
EMR-0-RIBBON-A EM High performance black ribbon
EMR-9-RIBBON-A EM High performance white ribbon
 (suitable for T200-IDENT, TE3112, TE3124, T6112DS, T3212 and T3224 printers)



Part Number	Colour
HTC-4-0112060-C	YELLOW
HTC-9-0112060-C	WHITE
HTC-2-0112060-C	RED
HTC-5-0112060-C	GREEN
HTC-6-0112060-C	BLUE

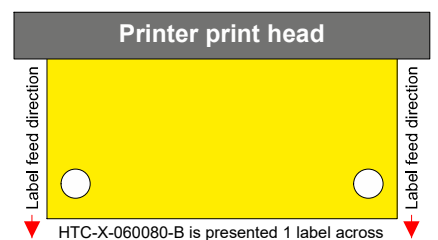
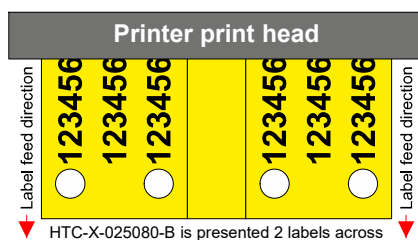
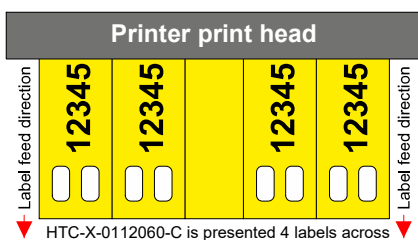


Part Number	Colour
HTC-4-025080-B	YELLOW
HTC-9-025080-B	WHITE



Part Number	Colour
HTC-4-060080-B	YELLOW

This format of HTC cable markers feeds through the printer at 90 degrees to the print head as shown below.



HTC thermal printable tie-on cable markers (continuous format)

The HTC continuous format cable markers are manufactured from Low Fire Hazard, UV stabilised, cross-linked polyolefin cable markers, assembled in a narrow edge leading format. Consisting of a continuous strip formed into punched tie on cable markers, die-cut fixing holes and perforated edges for easy removal.

Test results

Properties	Test Method	Typical Value
Tensile strength	ASTM D2671	7 Mpa minimum
Mould growth	BS EN 60068-2-10	Rating 2 maximum
Oxygen index	BS EN ISO 4589-1 1996	34 minimum
Smoke emission, A0	BS6853:1999 Annex D.8.3.	0.017 maximum
Toxic fume, R	NF X 70-100	<1
LUL toxic fume	1-085 A3 Fire safety performance	No halogens, Phosphorus, Sulphur or Nitrogen above trace level
Colour fastness	BS 2782 Pt5 Method 540B	No colour change
UV resistance - Tensile strength	>90% of original	Pass
UV resistance - Ultimate elongation	>40% of original	Pass
Print adherence dry rub (20 rubs, 4Kg load)	SAE AS 5942	Legible, pass
Heat ageing (175°C, 168 hours then 20 rubs, 4Kg load)	SAE AS 5942	Legible, pass
Heat shock (225°C, 4 hours then 20 rubs, 4Kg load)	SAE AS 5942	Legible, pass
Aircraft fuel (ISO 1817 Liquid B)	40°C, 24 hours, 25 wipes	Legible, pass
Hydraulic fluid (NATO H520)	50°C, 24 hours, 25 wipes	Legible, pass
Phosphate Ester (ISO 1817 fluid 103)	70°C, 24 hours, 25 wipes	Legible, pass
Silicon hydraulic fluid (NATO S1714)	50°C, 24 hours, 25 wipes	Legible, pass
De-icing fluid (Iso Propyl Alcohol)	40°C, 24 hours, 25 wipes	Legible, pass



Notes:
This information and data is believed to be accurate and reliable. Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of this date, Hilltop Products makes no representations as to the completeness or accuracy thereof. We place at your disposal the technical information necessary for the correct use of our products. As conditions and methods of use are beyond our control, that the person receiving the same will make their own determination as to the suitability for their purpose. We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

Standard Colours

Yellow and white.
(also red, blue, green on small sizes)

Material

Radiation cross linked polyolefin.

Operating temperature

-40°C up to +105°C.

Specifications

Mark permanence

SAE AS81531:1998, point 4.6.2.

Chemical and solvent resistance

MIL-STD-202F method 215J.

Standard

BS 6853 vehicle category 1a
EN 45545-2 (rail rolling stock)
LU 1-085:A3 (compliant)
NF F 16-101 (French rolling stock)
SAE AS5942 3.4.1

Storage

Store in original packaging.
Recommended storage environment is +10°C to +25°C and 45-55% relative humidity.

Printing method

Thermal transfer

Packaging

Supplied on printer ready reels.

Inner cores are sized to allow loading inside most printers.

Edge perforations to allow easy separation of markers.

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