

RPS-CT

Commercial Grade Continuous Tube

HEAT SHRINK IDENTIFICATION SYSTEM

Technical Datasheet

TTDS-269 Revision 5 - June 2020

RPS-CT Commercial Grade, Heat Shrink Identification Marker Sleeving for the identification of wires and cables.

Made from durable, flame retarded, radiation cross linked heat shrinkable polyolefin. RPS-CT is a thin wall, light weight, fast recovery 3:1 shrink ratio* sleeve, allowing the customer to cover a wide range of cable diameters

Suitable for a wide variety of applications including, commercial, industrial and transport. Printed marker sleeves meet the requirements of AS 5942 and MIL 202 Method 215 when used as a complete system, as recommended by TE Connectivity. Refer to TE document 411-121005 IDENTIFICATION PRINTER PRODUCT RIBBON MATRIX for the recommended printer/product/ribbon combinations.

RPS-CT Heat Shrink Identification Marker Sleeving is available as part of a complete identification system. The system comprises specific printers, thermal transfer ribbons and WINTOTAL software.

*Except RPS-CT-38.1mm (1-1/2inch) which is 2:1 ratio.

RPS-CT COMMERCIAL GRADE

HEAT SHRINK CABLE IDENTIFICATION SYSTEM

Features

- Self-extinguishing, non-flame propagating.
- Resistant to key Common industrial fluids (defined by RW-2510).
- Commercial grade performance.
- Can be laser marked for superior performance.
- Pre-termination Cable Identification.
- Sleeve diameters from 3.2mm to 38.1mm (1/8 to 1-1/2inch).
- More open profile for easier use.
- RPS-CT 3:1 Shrink ratio (except 38.1 size which is 2:1).

Product Compliance

RPS-CT fully complies with 2011/65/EU RoHS II directive, and Regulation (EC) number 1907/2006 (REACH)

Further information and a downloadable declaration covering RoHS and REACH compliance can be found at the TE Product Compliance Support Centre:

http://www.te.com/usa-en/utilities/product-compliance.html

Temperature Rating

- –30°C to 105°C (-22°F to 221°F)

Shelf Life

- Refer to TE document 408-121006 Cable Identification Shelf Life Document

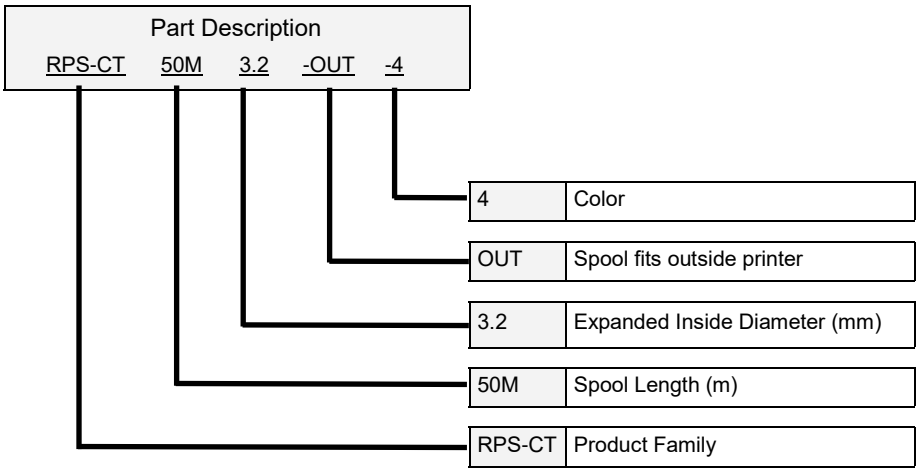
Industry



Specifications / Approvals

TE Connectivity Standard	RW-2510 Specification for RPS-CT products
Rail	NFPA 130 Standard for Fixed Guideway Transit and Passenger Rail Systems, Fire protection requirements, Interior Fire Propagation Resistance. Federal Railroad Administration, DOT, Appendix B to Part 238, Test Methods and Performance Criteria for the Flammability and Smoke Emission Characteristics of Materials used in Passenger Cars and Locomotive Cabs
Print Permanence	MIL 202 Method 215, Resistance to solvents SAE AS 5942, Marking of Electrical Insulating Materials, Adherence
Industrial	UL Recognised file E35586

Where possible, TE have tested product as a finished item, including the print. Operational tests are followed by an assessment of mark adherence to validate fit form and function. Further details can be found in TE standard RW-2510



Available Options

Spool Size	OUT	Spool does not fit in printers, recommend TE Connectivity PRINTER-UNIVERSAL-REEL-HOLDER, Part Number EC9926-000, reference TTDS-259
Colors	Standard	Yellow White
	Code	4 9
	Other colors available on request	
	Brown Red Orange Green Blue Violet Grey Black	
	1 2 3 5 6 7 8 0	

To maximise print contrast, colors are based on pastel shades.

Ordering Example: RPS-CT-50M-3.2-OUT-9

i.e. Product Family, Spool Length, Expanded Inside Diameter, OUT and Color

Ordering Information

Ordering description	Inside diameter				Recommended cable diameter use range		Spool lengths m (ft)
	As supplied (minimum)		After recovery (Maximum)				
	mm	inches	mm	inches	mm	inches	
RPS-CT - <spool length> -3.2 - OUT- <Color>	3.2[1]	0.125	1.1	0.04	1.20 to 2.56	0.047 to 0.101	50 (164)
RPS-CT - <spool length> -4.8 - OUT- <Color>	4.8[1]	0.189	1.6	0.06	1.70 to 3.84	0.067 to 0.151	50 (164)
RPS-CT - <spool length> -6.4 - OUT- <Color>	6.4[1]	0.250	2.1	0.08	2.20 to 5.10	0.087 to 0.201	50 (164)
RPS-CT - <spool length> -9.5 - OUT- <Color>	9.5[1]	0.375	3.2	0.13	3.30 to 7.60	0.130 to 0.299	50 (164)
RPS-CT - <spool length> -12.7– OUT- <Color>	12.7[1]	0.500	4.2	0.17	4.30 to 10.16	0.169 to 0.402	50 (164)
RPS-CT - <spool length> -19.0– OUT- <Color>	19.1[2]	0.750	6.4	0.25	6.50 to 15.30	0.256 to 0.614	50 (164)
RPS-CT - <spool length> -25.4– OUT- <Color>	25.4[2]	1.000	8.5	0.33	8.50 to 20.30	0.335 to 0.799	50 (164)
RPS-CT - <spool length> -38.1– OUT- <Color>	38.1[3]	1.500	19.1	0.75	19.2 to 30.50	0.756 to 1.201	50 (164)

[1] Recommended ribbon width 40mm— 2000P-RIBBON-4TT-NAR, Part No. 277493-000

[2] Recommended ribbon width 60mm— 2000P-RIBBON-4TT-MED, Part No. 893803-000

[3] Recommended ribbon width 110mm—TMS-RJS-RIBBON-4RPSCE, Part No. 557721-000

Check TE Document 411-121005 for full and current details

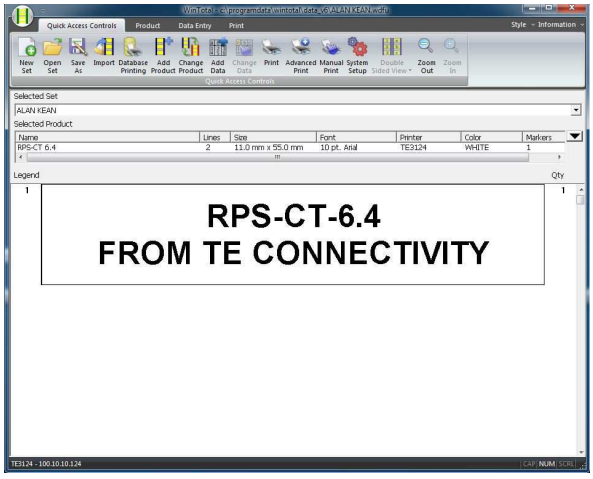


Printer Information

Print quality and print performance can only be guaranteed when specific TE printer and ribbons are used.

The current list of printers and ribbons can be found in TE document 411-121005 ‘Identification Printer Product Ribbon Matrix’. This document can be found in ‘Access Our Tools’:

http://www.te.com/usa-en/utilities/access-product-tools-and-resources.html

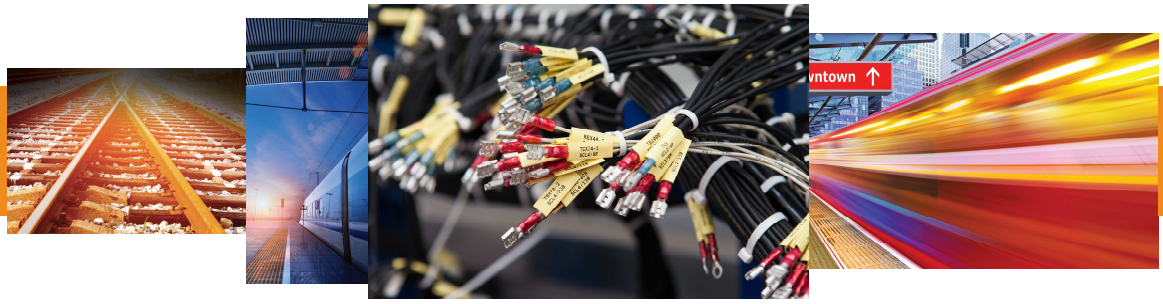


Software

WINTOTAL software, available to download for a 14 day evaluation period from the Identification Printer Software page:

http://www.te.com/usa-en/products/identification-labeling/printers-software.html

Contact a TE representative for further information



www.te.com

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