



## Introducing UV-SCE Marker Sleeves

TE Connectivity's UV-SCE Marker Sleeves are the latest solution to identify wires and cables where extreme resistance to Ultra Violet (UV) and harsh weather conditions are required.

The Heat Shrinkable sleeves provide outstanding physical performance, mark permanence and excellent legibility even after more than 25,000 hours of UV and moisture exposure, without cracking or chalking, providing a long lasting mark. UV-SCE is assembled in a ladder configuration for ease of printing using the recommended TE printers, ribbon and software combinations in our innovative Cable Identification system solution.

### KEY FEATURES

- UV Resistant
- Flame retardant polymer compound
- Proven resistance and durability through rigorous testing
- Operating temperature from -55° to 200°C
- Available as part of the Cable Identification System

### APPLICATIONS

- All demanding applications for wire and cable identification where extreme resistance to UV and weather conditions are required
- Solar, Outdoor, Offshore, Marine, Petrochemical, Telecoms.
- mechanical and electrical components

### Only guarantee best performance in Combination with TE equipment:

#### Printers:

- TE3124-PRINTER (PN CC9352-000)  
medium to high volume
  - TTC-Printer - Perforator ED4095-000
  - TTC-Printer - Cutter ED4096-000
- T200-IDENT-PRINTER (PN EC6996-000)  
low volume
  - TTC-Printer - Perforator EC8869-000
  - TTC-Printer - Cutter EC8456-000

#### Software:

WINTOTAL-5-DONGLE (PN ED4097-000)

#### Ribbons:

T300-UV-SCE-Ribbon (PN EC8932-000)

### MECHANICAL

- Tensile Strength (10.4 MPa (1500 psi) minimum) to ASTM D 2671
- Ultimate Elongation (200% minimum) to ASTM D 2671

### ELECTRICAL

- Dielectric Strength - 23.6 kV/mm minimum to ASTM D 2671
- Volume Resistivity -  $10^{12}$  ohm-cm minimum to ASTM D 2671

### MATERIALS

- Irradiated, thermally stabilised and flame retardant modified polymer compound

### STANDARDS AND SPECIFICATIONS

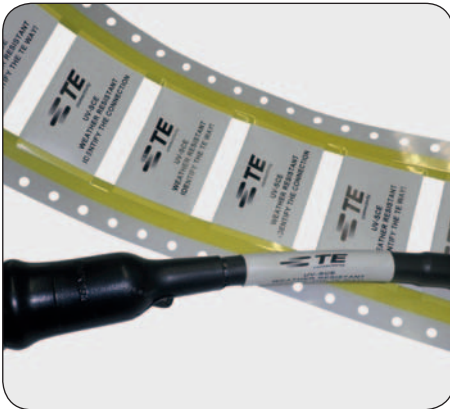
- TE: RW - 2534
- Simulated Solar radiation (Xenon arc) - **IEC 60068-2-5, procedure B**
- Resistance to Ozone cracking - **NFT 46-019, Method A**
- UV-A / moisture exposure: Samples still legible after 25000+ hours -  
**Continuous cycle of 8hr UV-A 340 340 µm followed by 4hr condensation to ASTM G 154**
- Salt Spray - **BS EN 60068-2-11**
- UV-A exposure is at 60°C followed by moisture exposure at 50°C.
- Flammability UL 224 VW-1

### PRODUCT OFFERING

- Colors: Yellow and White
- Size range: Minimum expanded internal diameter 2.4, 3.2, 4.8, 6.4, 9.5, 12.7, 19.0, 25.4 and 38.1 mm.
- Shrink Ratio: All 2 to 1 (except 2.4 which is 3:1)

[te.com/cable-identification](http://te.com/cable-identification)





**PRODUCT DIMENSIONS**

Ordering description	Inside diameter				Recommended use range	
	D (min) As Supplied		D (max) After Recovery			
	mm	inches	mm	inches	mm	inches
UV-SCE-1K- 3/32 - 2.0 - <color>	6.4	0.093	0.79	0.031	0.81 - 1.90	0.032 - 0.075
UV-SCE-1K - 1/8 - 2.0 - <color>	3.18	0.125	1.58	0.062	1.75 - 2.66	0.069 - 0.105
UV-SCE-1K - 3/16 - 2.0 - <color>	4.75	0.187	2.36	0.093	2.54 - 4.06	0.100 - 0.160
UV-SCE-1K- 1/4 - 2.0 - <color>	6.35	0.250	3.18	0.125	3.40 - 6.00	0.134 - 0.236
UV-SCE-1K- 3/8 - 2.0 - <color>	9.53	0.375	4.75	0.187	5.30 - 8.10	0.209 - 0.319
UV-SCE-1K- 1/2 - 2.0 - <color>	12.70	0.500	6.35	0.250	6.60 - 11.40	0.260 - 0.449
UV-SCE-1K- 3/4 - 2.0 - <color>	19.05	0.750	9.53	0.375	9.90 - 15.30	0.390 - 0.602
UV-SCE-1K- 1 - 2.0 - <color>	25.40	1.000	12.70	0.500	13.30 - 23.00	0.524 - 0.906
UV-SCE-1K- 1 1/2 - 2.0 - <color>	38.10	1.500	19.05	0.750	20.95 - 34.00	0.825 - 1.339

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Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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