



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





PRODUCT DIMENSIONS

Ordering description	Inside diameter					
	D (min) As Supplied		D (max) After Recovery		Recommended use range	
	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

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

te.com/cable-identification

