



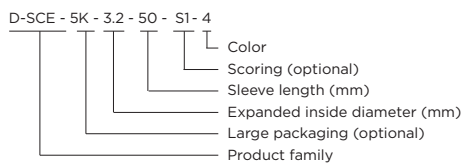
Introducing D-SCE Fluid resistant heat-shrinkable wire identification sleeves

D-SCE markers are used to identify wires and cables where exposure to organic fluids, especially oils, is required. They can operate in these conditions at elevated temperatures, making them ideal in aerospace, rail and construction industries. The D-SCE markers will provide strain relief, insulation and protection from mechanical abuse. The 3:1 shrink ratio markers are assembled in a ladder format enabling sleeves to be printed on both sides for maximum data content and readability.

KEY FEATURES

- Resistance to organic fluids, common fuels, lubricants and solvents
- 3:1 shrink ratio
- Wide range of sizes for several wire and bundle diameters
- Formulated for use in aerospace, rail and construction equipment
- Dot matrix and thermal transfer printable
 - both print technologies meet all specifications and approvals listed

PART NUMBERING SYSTEM



TEMPERATURE RATING

- Operating temperature range: -55°C to $+135^{\circ}\text{C}$ (-67°F to $+275^{\circ}\text{F}$)
- Minimum recovery temperature: $+135^{\circ}\text{C}$ ($+275^{\circ}\text{F}$)
- Maximum storage temperature: $+40^{\circ}\text{C}$ ($+104^{\circ}\text{F}$)

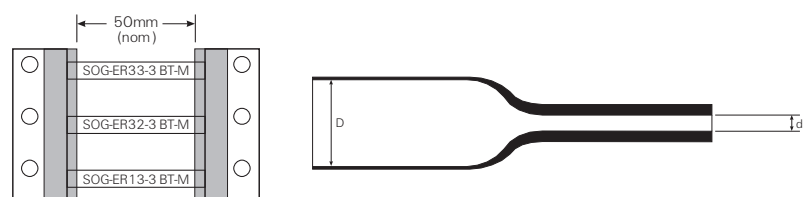
SPECIFICATIONS/APPROVALS

- TE Connectivity:
 - RW 2519
 - TTDS-017
- Military:
 - SAE-AMS-DTL-23053/6, Class 1 (material and performance requirements)
 - SAE AS5942 3.4.1. Adherence
 - MIL STD 202 Method 215
- Industry:
 - F 00 608 Category A and H
 - BS EN 50343: 2003: Appendix H

PRINTING SYSTEM INFORMATION

- Refer to Identification Printer Product Ribbon Matrix document '411-121005'

ORDERING INFORMATION



te.com/products/identification-labeling



AVAILABLE SIZES AND FORMATS

| Ordering description | Inside diameter | | | | Recommended use range | |
|-------------------------|---------------------|--------|------------------------|--------|-----------------------|---------------|
| | D (min) as supplied | | d (max) after recovery | | | |
| | mm | inches | mm | inches | mm | inches |
| D-SCE-1K-2.4-50-<color> | 2.39 | 0.094 | 0.79 | 0.031 | 0.81 - 1.90 | 0.032 - 0.075 |
| D-SCE-1K-3.2-50-<color> | 3.18 | 0.125 | 1.07 | 0.043 | 1.11 - 2.66 | 0.044 - 0.105 |
| D-SCE-1K-4.8-50-<color> | 4.75 | 0.187 | 1.57 | 0.063 | 1.75 - 4.06 | 0.069 - 0.160 |
| D-SCE-1K-6.4-50-<color> | 6.35 | 0.250 | 2.11 | 0.084 | 2.31 - 5.46 | 0.091 - 0.215 |
| D-SCE-1K-9.5-50-<color> | 9.53 | 0.375 | 3.18 | 0.125 | 3.47 - 8.12 | 0.137 - 0.320 |
| D-SCE-1K-12-50-<color> | 12.70 | 0.500 | 4.22 | 0.167 | 4.64 - 10.79 | 0.183 - 0.425 |
| D-SCE-1K-18-50-<color> | 19.05 | 0.750 | 6.35 | 0.250 | 6.99 - 16.25 | 0.275 - 0.640 |
| D-SCE-1K-25-50-<color> | 25.40 | 1.000 | 8.46 | 0.333 | 9.29 - 21.59 | 0.366 - 0.850 |
| D-SCE-1K-38-50-<color>* | 38.10 | 1.500 | 19.05 | 0.750 | 20.95 - 33.02 | 0.825 - 1.300 |

* 2:1 shrink ratio
 Total width as supplied 90.18 mm (3.550 inches) including tape and carrier width.

OPTIONS

| | | | | |
|---------------|---|---|-------------|-------------|
| Prescoring | Perforated score to produce multiple marker sleeves from each D-SCE sleeve. | | | |
| | Standard | Side scored | | |
| | Number of prescores | 1 prescore | 2 prescores | 3 prescores |
| | Code | S1 | S2 | S3 |
| Package sizes | Standard | 1K - 1000 piece packages available for all D-SCE sizes | | |
| | Nonstandard | Larger pack sizes are available. Please contact TE Connectivity . | | |
| Colors | Standard | Yellow | White | |
| | Code | 9 | 4 | |
| | Nonstandard | Pink | Blue | |
| | Code | 2L | 6 | |

Ordering information: Specify product name, pack size, sleeve size, prescore, format and color.
 Ordering example: D-SCE-1K-6.4-50-S2-4

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TECHNICAL INFORMATION

| | |
|----------------------------|---|
| Print Method/Ribbon | Refer to Identification TT Printer Product Ribbon Matrix document '411-121005' |
| Service Temperature | -40°C to +105°C (-40°F to +221°F) |
| Minimum Shrink Temperature | 136 °C (275°F) |
| Colors | White or yellow. Other colors available on request. |
| Flammability | Self-extinguishing - (ASTM D2671 Procedure B). Oxygen Index (BS6853: Pass 34% Min.) - (BS EN ISO 4589-2 [1999]). (AFNOR NF F 16-101 Class 12). Dripping Classification ST2 - (DIN 5510-2) |
| Smoke | A0-0.017 Max. (BS 6853 [1999] Annex D [D.8.3] Small scale test Smoke Index Determination (IF) Maximum O, Smoke Class F1 - (AFRNOR NF F 16-101-1988 Smoke Index) |
| Toxicity | R < 1 - (BS 6853 [1999] Annex B - AFNOR NF X 70-100 Determination of weighted summation of toxic fume, mass based method) LUL Toxid Fume: No. Halogens, No. P, S or N sources above trace level - 1-085 A3 Fire Safety Performance of Materials; Chemical composition/toxicity Toxicity Index = 0.34 - (CEI 20-37-7-09-1997 Determination of toxicity index of gasses from combustion of organic material |
| Dielectric Strength | 15V/mm minimum. |
| Water Absorption | 11% maximum after 24 hours at 23C (73° F) |
| Copper Mirror Corrosion | 8% maximum after 16 hours of 150 °C (302 ° F) |
| Longitudinal Change | +5% to -10%. |
| Tensile Strength | 7MPa minimum. |
| Ultimate Elongation | 80% minimum. |
| Secant Modulus | 200MPa mimum at 2% elongation. |
| UV Resistance | Tensile strength >90% & ultimate elongation >40% or original value after 1000 hours (ASTM G53: UVA [100% dry cycle]; UVB [8 hours dry/4 hours wet cycle]). |
| Print Permanence | ADHERENCE - Meets the requirements of SAE AS5942 (1Kg/50 rubs). FLUID RESISTANCE - Meets the requirements of MIL-STD-202 method 215. |

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单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)