

D-SCE Fluid resistant computer-printable permanent wire identification sleeves

D-SCE markers are used to identify wires and cables where exposure to organic fluids, especially oils, is required. D-SCE markers are designed to operate in these conditions at elevated temperatures for extended periods of time, making them ideal in aerospace, rail and construction industries. The D-SCE markers are suitable for use in environments with temperatures of -55°C to $+135^{\circ}\text{C}$ (-67°F to $+275^{\circ}\text{F}$), and 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.

*See ordering description.

Features and benefits

- 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.



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	$+40^{\circ}\text{C}$	$+104^{\circ}\text{F}$

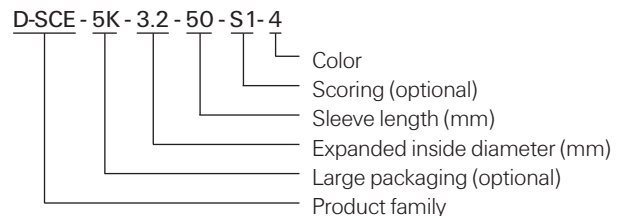
Specifications/approvals

Tyco Electronics	RW 2519
Military	SAE-AMS-DTL-23053/6, Class 1 (material and performance requirements) SAE AS81531 4.6.2 MIL-STD-202F Method 215J
Industry	NF F 00 608 Category A and H

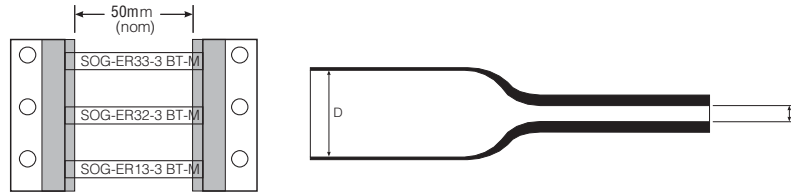
Printer information

Tyco Electronics printer	AM6310 (dot matrix) T312M (thermal transfer)
Tyco Electronics ribbon	1892BK04-RIBBON (dot matrix) 1966-RIBBON

Part numbering system



Ordering information



Available sizes and formats

Ordering description	D (min)		Inside diameter		Recommended use range	
	As supplied		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
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 Tyco Electronics.	
Colors	Standard	White	Yellow
	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