

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

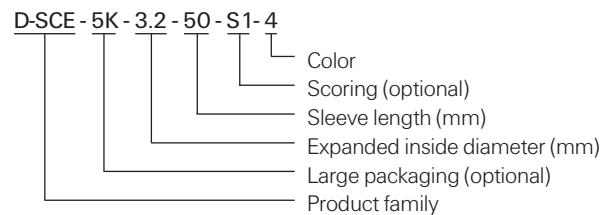
Specifications/approvals

Tyco Electronics	RW 25 19 TTDS-017
Military	SAE-AMS-DTL-23053/6, Class 1 (material and performance requirements) SAE AS81531 4.6.2 MIL-STD-202 Method 215J
Industry	NF F 00 608 Category A and H

Printer information

Tyco Electronics printer	AM63 10 (dot matrix) T3 12M (thermal transfer)
Tyco Electronics ribbon	1892BK04-RIBBON (dot matrix) 1966-RIBBON

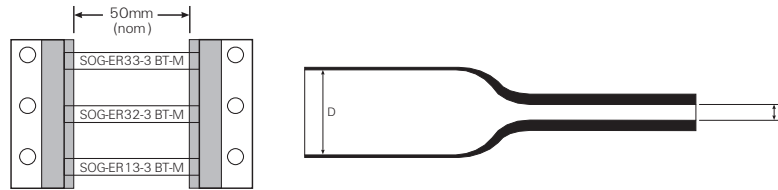
Part numbering system



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Ordering information



Available sizes and formats

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

* 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 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