

## NBC-SCE Nuclear, biological, chemical resistant heat-shrinkable wire identification sleeves

Tyco Electronics NBC-SCE is used to identify wire and cables where extreme resistance to cleaning solvents is needed. The markers are suitable for use in wire harness systems requiring high fluid resistance and resistance to the effects of nuclear, biological and chemical agent exposure and decontamination. The markers should be used with an appropriate transparent oversleeve whose ends are sealed with an appropriate epoxy adhesive.

NBC-SCE marker sleeves are suitable for use in environments with temperatures from -55°C to +225°C (-67°F to +437°F).

### Features and benefits

- Permanent identification sleeves
- Computer-printable
- 2:1 shrink ratio
- NBC application with the appropriate adhesive and oversleeve



### Temperature rating

Operating temperature range	-55°C to +225°C	-67°F to +437°F
Minimum recovery temperature	+200°C	+392°F
Maximum storage temperature	+40°C	+104°F

### Specifications/approvals

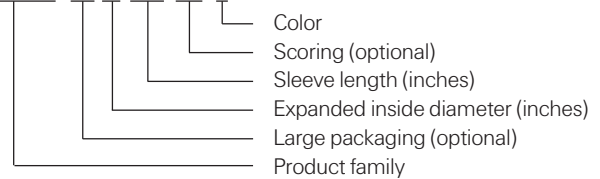
Tyco Electronics	RW 25 14
Military	SAE AS8153 1 4.6.2
	MIL-STD-202 Method 215J

### Printer information

Tyco Electronics printer	T3 12M (thermal transfer)
Tyco Electronics ribbon	TMS-RJS-RIBBON-4HT (thermal transfer)

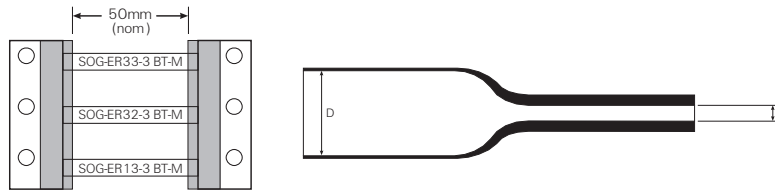
### Part numbering system

NBC-SCE- 1K-<sup>1</sup>/<sub>4</sub>-2.0-S1-9



**NBC-SCE Nuclear, biological, chemical resistant heat-shrinkable wire identification sleeves**

**Ordering information**



**Available sizes and formats**

Ordering description	Inside diameter				Recommended use range		Recovered wall thickness	
	Expanded D (minimum)		Recovered d (maximum)					
	mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>	mm	<i>inches</i>
NBC-SCE-1K-1/8-2.0<color>	3.43	<i>0.135</i>	1.59	<i>0.062</i>	1.75-2.66	<i>0.069-0.105</i>	0.38 ± 0.08	<i>0.015 ± 0.003</i>
NBC-SCE-1K-1/4-2.0<color>	6.35	<i>0.250</i>	3.18	<i>0.125</i>	3.81-5.46	<i>0.150-0.215</i>	0.38 ± 0.08	<i>0.015 ± 0.003</i>
NBC-SCE-1K-1/2-2.0<color>	12.70	<i>0.500</i>	6.35	<i>0.250</i>	6.99-10.79	<i>0.275-0.425</i>	0.38 ± 0.08	<i>0.015 ± 0.003</i>
NBC-SCE-1K-3/4-2.0<color>	19.05	<i>0.750</i>	9.53	<i>0.375</i>	10.16-16.25	<i>0.400-0.640</i>	0.38 ± 0.08	<i>0.015 ± 0.003</i>
NBC-SCE-1K-1-2.0<color>	25.40	<i>1.000</i>	12.70	<i>0.500</i>	14.70-21.50	<i>0.578-0.846</i>	0.43 ± 0.10	<i>0.017 ± 0.004</i>
NBC-SCE-1K-1-1/2-2.0<color>	38.10	<i>1.500</i>	19.05	<i>0.750</i>	20.95-33.02	<i>0.825-1.300</i>	0.43 ± 0.10	<i>0.017 ± 0.004</i>

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 NBC-SCE sleeve.		
	Number of prescores	1 prescore	2 prescores
	Code	S1	S2
			3 prescores
			S3
Package sizes	Standard	1000 piece packages available for all NBC-SCE sizes	
Colors	Standard	White	
	Code	9	

Ordering information: Please specify product name, pack size, sleeve size, prescore, format and color.

Ordering example: NBC-SCE-1K-1/8-2.0-9