

# ZHD-SCE, LOW FIRE HAZARD, DIESEL RESISTANT HEAT SHRINK CABLE IDENTIFICATION SYSTEM

## Features

- Zero Halogen
- Low Toxic Fumes
- Non-flame propagating
- Resistant to key rail and industrial fluids including diesel (defined by RW-2536)
- Sleeve diameters from 2.4mm to 38.1mm
- Shrink ratio 2:1

## Applications

- Pre-termination Cable Identification
- Suitable for locations where there is a fire risk to people or equipment
- Suitable for installations that require outstanding fluid resistance, especially from diesel, from a zero halogen identification sleeve
- Rail, Mass transit, Aerospace, Marine and Heavy Industrial

## Temperature Rating

- Operating Temperature Range -55°C to 125°C (-67°F to 257°F)

## Design For Environment

- No Halogens, Sulphur, Nitrogen, Phosphorus and Cadmium sources above trace level. The flame retardant used in this product does not contain melamine cyanurate
- Further information and a downloadable declaration covering RoHS and REACH compliance can be found at the 'TE Product Compliance Support Centre':

<http://www.te.com/usa-en/utilities/product-compliance.html>

## Specifications / Approvals

**TE Connectivity Standard** RW-2536

### Rail Standards

**EN45545-2**, Hazard Classifications 1 and 2, In accordance with requirement set R22/R23

**BS 6853** Code of practice for fire precautions in the design and construction of passenger carrying trains. Interior minor use of materials of mass 100g to 500g vehicle category II

**EN 50343** Rolling stock applications - Rolling stock - Rules for installation of cabling - Appendix H

Where possible, TE has tested product as a finished item, including the print. Operational tests are followed by an assessment of mark adherence to validate fit form and function. Further details can be found in TE standard RW-2536.



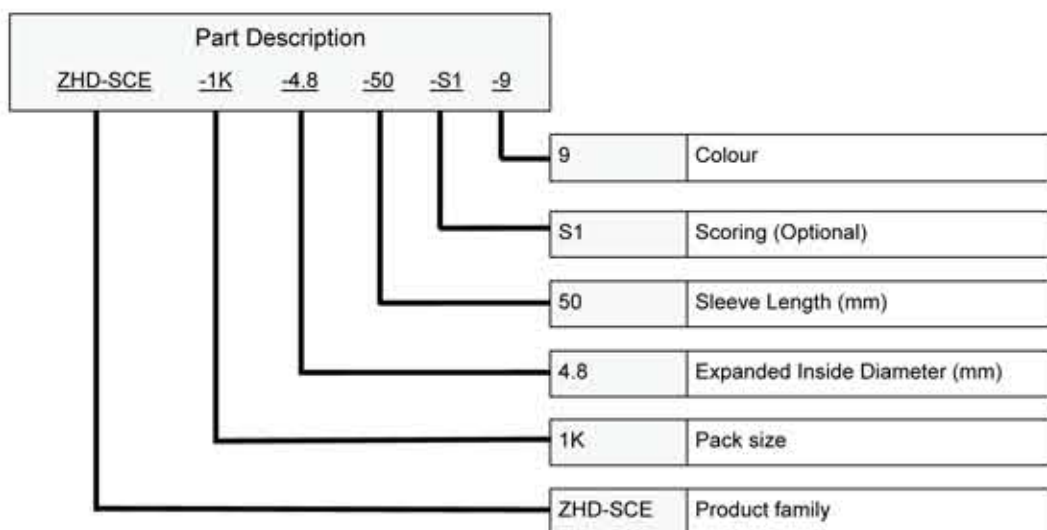
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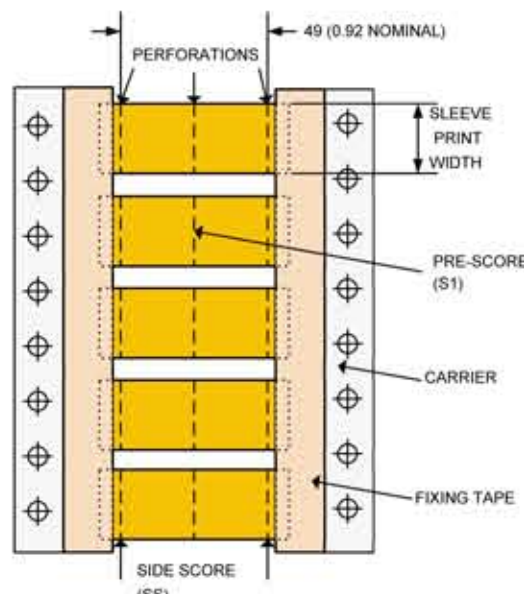
## ZHD-SCE

### LOW FIRE HAZARD, DIESEL RESISTANT



## Options

<b>Pre-scoring</b>	Perforated score to produce multiple marker sleeves from each ZHD-SCE sleeve.				
	Not scored	Code	Blank		
	Side scored	Code	SS		
	Sided scored with one pre-score	Code	SS1		
	1 Pre-score	Code	S1		
	2 Pre-scores	Code	S2		
<b>Packaging sizes</b>	<blank>	250 piece packs available for all sizes			
	1K	1000 piece reels available for all sizes up to 25.4			
	2.5K	2500 piece reels available for sizes 4.8 up to 25.4			
	5K	5000 piece reels available for sizes 2.4 and 3.2			
<b>Colours</b>		Yellow	White		
	Code	4	9		
		Red	Green	Blue	Orange
	Code	2	5	6	3



Specify product name, pack size (leave blank for 250), sleeve size (in mm), sleeve length (always 50), pre-score (leave blank if not required) and colour

Dimensions in mm (inches)

## Ordering Information

Ordering description	Inside diameter				Recommended cable diameter use range	
	As supplied (minimum)		After recovery (Maximum)			
	mm	inches	mm	inches	mm	inches
ZHD-SCE - <pack size> - 2.4 - 50 - <score> - <colour>	2.4	0.094	1.19	0.047	1.27 to 1.90	0.050 to 0.075
ZHD-SCE - <pack size> - 3.2 - 50 - <score> - <colour>	3.2	0.126	1.58	0.060	1.77 to 2.66	0.069 to 0.105
ZHD-SCE - <pack size> - 4.8 - 50 - <score> - <colour>	4.8	0.189	2.36	0.090	2.54 to 4.06	0.100 to 0.160
ZHD-SCE - <pack size> - 6.4 - 50 - <score> - <colour>	6.4	0.250	3.18	0.125	3.81 to 5.46	0.150 to 0.215
ZHD-SCE - <pack size> - 9.5 - 50 - <score> - <colour>	9.5	0.375	4.75	0.187	5.59 to 8.12	0.220 to 0.320
ZHD-SCE - <pack size> - 12.7 - 50 - <score> - <colour>	12.7	0.500	6.35	0.250	6.99 to 10.79	0.275 to 0.425
ZHD-SCE - <pack size> - 19.0 - 50 - <score> - <colour>	19.0	0.730	9.53	0.375	10.16 to 16.25	0.400 to 0.640
ZHD-SCE - <pack size> - 25.4 - 50 - <score> - <colour>	25.4	1.000	12.70	0.500	14.29 to 21.59	0.563 to 0.850
ZHD-SCE - 38.1 - 50 - <score> - <colour>	38.1	1.500	19.05	0.750	20.95 to 33.02	0.825 to 1.300

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