HX – LFH Heat Shrink Marker Sleeve

HX Low Fire Hazard (LFH) marker sleeves for the identification of wires and cables. Presented as cut sleeves organised in a ladder format.

Manufactured using a specially developed radiation cross-linked material. Formulated to give **Low Fire Hazard** properties, which allow this product to be used in locations where fire may pose a risk to human life, and property. Typical installations include rail, mass transit, and heavy industrial.

HX (LFH) marker sleeves are available as part of a complete printing system. The system comprises specific printers, thermal transfer ribbons and WINTOTAL software.
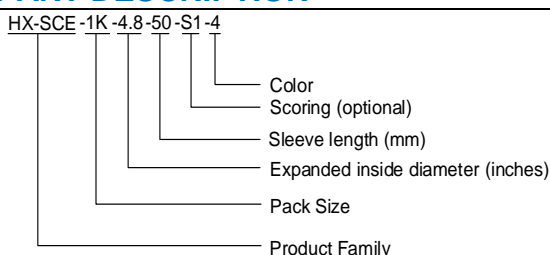
KEY FEATURES

- Zero Halogen
- Low Toxic Fumes
- Low Smoke
- Self-extinguishing, non-flame propagating
- Low heat release rate
- Resistant to key industrial and rail fluids (defined by RW-2072)
- Excellent resistance to burning - typical LOI 39%
- Sleeve diameters from 2.4mm to 38.1mm
- Shrink ratio 2:1

APPLICATIONS

- Pre-termination Cable Identification
- Particularly suitable for locations with a fire risk to human life or equipment
- Mass transit, Rail, Aerospace, Marine and Industrial

PART DESCRIPTION

HX-SCE -1K -4.8 -50 -S1 -4

- Color
- Scoring (optional)
- Sleeve length (mm)
- Expanded inside diameter (inches)
- Pack Size
- Product Family

TEMPERATURE RATING

Operating Temperature Range -55°C to 105°C (-40°F to 221°F)

ENVIRONMENTAL

Does not contain any declarable or prohibited substances from the UNIFE Railway Industry Substances List

No Halogens, Sulphur, Nitrogen, Phosphorus and Cadmium sources above trace level. The flame retardant used in this product does not contain melamine cyanurate.

Does not promote mould growth (ASTM G21 – zero rating)

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/en/resources/product-compliance.html

SPECIFICATIONS / APPROVALS

TE Connectivity Standard
- RW-2072

Industrial
- London Underground 1-085, Fire Safety Performance of Materials 'Limited, dispersed usage'
- Registered for London Underground Product Acceptance and Registration, revision S1011 A2: http://www.lu-apr.co.uk
- EN45545-2 'Hazard Classification 3' Requirement Set R22/R23 – unlimited use for railcar design and operation category
- BS6853 'Vehicle Category Ia' Interior minor use materials of mass 100g to 500g
- NF F 16-101 Railway rolling stock, fire behaviour, choice of materials: Classification A1

Where possible, TE have 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-2072.

Class I Data Classification - See Policy TEC-02-04

ORDERING INFORMATION

HX – LFH Heat Shrink Marker Sleeve

AVAILABLE FORMAT

OPTIONS

Prescoring	Perforated score to produce multiple marker sleeves from each HX-SCE sleeve.			
	Standard	Not scored	Code	Blank
	Non standard	Side scored	Code	SS
		Sided scored with one pre score	Code	SS1
		1 Prescore	Code	S1
		2 Prescores	Code	S2
		3 Prescores	Code	S3
Packaging sizes				
	Standard	1K -	1000 piece packages available for all HX-SCE sizes upto 25.4	
	Non Standard	2.5k -	2500 pieces available for 4.8 and 6.4 HX-SCE sizes up to 25.4	
		5k -	5000 pieces available for 2.4 and 3.2 HX-SCE sizes	
		<no number>	250 piece package available for all HX-SCE sizes	
Colors				
	Standard	Yellow	White	
	Code	4	9	
	Non standard	Red	Green	Blue	Orange
	Code	2	5	6	3

Specify product name, pack size, sleeve size, sleeve length (always 50) pre-score (blank if not required) and colour.

Ordering example: HX-SCE-1K-4.8-50-S1-4

Ordering description	Inside diameter				Recommended wire diameter use range	
	As supplied (minimum)		After recovery (Maximum)			
	mm	inches	mm	inches	mm	inches
HX-SCE-1K-2.4-50-<score>-<color>	2.4	0.094	1.19	0.047	1.27 - 1.90	0.050 - 0.075
HX-SCE-1K-3.2-50-<score>-<color>	3.2	0.126	1.58	0.060	1.77 - 2.66	0.069 - 0.105
HX-SCE-1K-4.8-50-<score>-<color>	4.8	0.189	2.36	0.090	2.54 - 4.06	0.100 - 0.160
HX-SCE-1K-6.4-50-<score>-<color>	6.4	0.250	3.18	0.125	3.81 - 5.46	0.150 - 0.215
HX-SCE-1K-9.5-50-<score>-<color>	9.5	0.375	4.75	0.187	5.59 - 8.12	0.220 - 0.320
HX-SCE-1K-12.7-50-<score>-<color>	12.7	0.500	6.35	0.250	6.99 - 10.79	0.275 - 0.425
HX-SCE-1K-19.0-50-<score>-<color>	19.0	0.730	9.53	0.375	10.16 - 16.25	0.400 - 0.640
HX-SCE-1K-25.4-50-<score>-<color>	25.4	1.000	12.70	0.500	14.29 - 21.59	0.563 - 0.850
HX-SCE-38.1-50-<score>-<color>	38.1	1.500	19.05	0.750	20.95 - 33.02	0.825 - 1.300

Standard pack size for 38.1 is 250 pieces

PRINTER INFORMATION

Print Quality and Print Performance can only be guaranteed when specific TE printer and ribbons are used.

The current list of printers and ribbons can be found in TE document 411-121005 '**Identification Printer Product Ribbon Matrix**'

This document can be found at the TE document centre:

http://www.te.com/commerce/DocumentDelivery/DDEController

SOFTWARE

Cable Markers are fully supported by WINTOTAL and PrintEasy label printing software, available from the TE product store:

http://www.te.com/en/general/label-printing-software.html

Contact a TE representative for further information

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Wire Identification *category:*

Click to view products by TE Connectivity *manufacturer:*

Other Similar products are found below :

CU6337-000 CU6342-000 FCA-410-12 11631010 1-1768037-1 1-1768037-2 1-1768050-0 PXLK-VI Q62184-1 A64304-000 QMT221 HK032WE1NF038B 1330-0519-10 1395199-1 1395200-1 1395202-1 DMVF050WE-300S6 D-SCE-1K-2.4-50-4-CS7834 1538738-1 E90935-000 EC1238-000 EC1465-000 EC1855-000 EC1859-000 EC1863-000 EC5415-000 EC7277-000 EC7352-000 EC7603-000 EC7707-000 EC7735-000 EC7768-000 EC7828-000 EC7854-000 EC7952-000 EC8128-000 1768037-8 1768041-7 NC-127191-10-9 HS048WE2NF038B C03232-000 HTCM-SCE-14-4H-9 HTMS-3/16-9 HT-SCE-1/4-2.0-4 HT-SCE-3/16-2.0-4 HTTMS-1/2-1.50-9 HTTMS-CM-1/2-4H-9 HX-SCE-19.0-50-9 HX-SCE-6.4-50-4 C25254-000