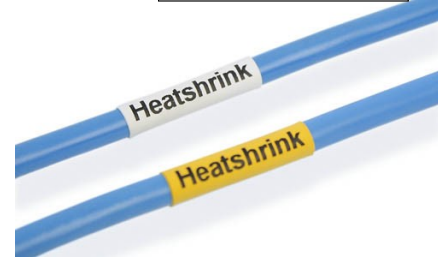


# PRODUCT DATASHEET

## Legend™ LHS Premium Heatshrink



One Software  
One Printer  
One Ribbon



The Silver Fox Legend™ LHS premium grade heatshrink is a flattened, printable polyolefin heat shrinkable tubing for all your identification purposes from single cables to complete cable trees.

Supplied on rolls you can select the length of marker required with our Silver Fox Labacus Innovator Advanced or Professional software.

Print in conjunction with our DTP-1/300 Plug'N'Play thermal printer with the same ribbon as all our other thermal labels.

### TECHNICAL DATA

<b>Printing Method</b>	Silver Fox DTP-1 Thermal Printer
<b>Thermal Ribbon</b>	Silver Fox TSR3
<b>Material</b>	Polyolefin
<b>Shrink Ratio</b>	3:1
<b>Min. Shrink Temperature</b>	90°C (full recovery)
<b>Dielectric Strength</b>	≥ 37 kV/mm
<b>Standard Colours</b>	Yellow, White
<b>RoHS (EU 2002/95/EC)</b>	RoHS Compliant

### PRODUCT TESTING

Test	Method
Moisture Resistance	MIL-STD-202G Method 106G
Low Temperature 72 hours @ -40°C Followed by manipulation test*	MIL-STD-810F Method 502.4
High Temperature 2000 hours @ 70°C to 100°C**	MIL-STD-202G Method 108A
Hydrogen Sulphide	H <sub>2</sub> S Sour Gas Exposure (2% H <sub>2</sub> S)
UV Weathering 3000 hours***	ISO 4982 Part 3 Method A Cycle 1
Salt Mist Spray	IEC60068-2-52 Test Kb Salt Mist (Cyclic)
Chemical / Solvent Resistance	See overleaf

\* Manipulation of the labels were performed at -40°C at completion of the low temperature test. This took the form of attempting to bend the labels in half using bare hand force only.

\*\* Samples were subjected to 500 hours @ 70°C, followed by 500 hours @ 85°C followed by 1000 hours @ 100°C

\*\*\* Limited external applications generally away from direct sunlight but may be suitable in control boxes etc. Labels generally for internal use such as, control rooms, power stations, substations etc.

### FEATURES & BENEFITS

- Easy to use and apply
- Use with a standard heat gun
- Print 2 rolls at a time
- Choice of 6 sizes

Print using our DTP – 1/300 Thermal Printer.



# PRODUCT DATASHEET

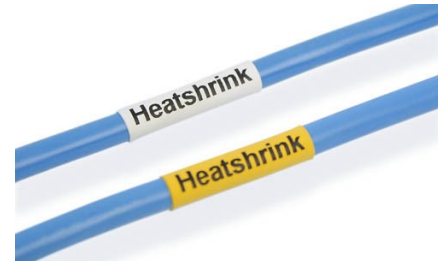


## Legend™ LHS Premium Heatshrink

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This is a multipage document, all pages must be read in conjunction with each other



## PRODUCT TESTING

### Chemical/Solvent Resistance:

Samples of Silver Fox Legend™ LHS Heatshrink labels were printed\* with Silver Fox DTP-1 thermal printer and TSR3/300 thermal transfer ribbons. Samples were then conditioned for 24 hours at room temperature. Testing\*\* consisted of 5 cycles of 10-minute immersions in the specified chemical/solvent followed by a 30-minute recovery period. After the final immersion, the samples were then rubbed ten times with a cotton swab dipped in the test fluid. Visual observations on the print quality are listed in the table below.

Chemical/Solvent	No Rub	After Rub
Methyl Ethyl Keytone (MEK)	No Effect	Loss of Density
Isopropyl Alcohol	No Effect	No Effect
Toluene	No Effect	Complete Removal
Jet Fuel	No Effect	No Effect
Diesel	No Effect	No Effect
Petrol (UK)	No Effect	Complete Removal
SAE 30 Oil	No Effect	No Effect
De-ionised Water	No Effect	No Effect
3% Alconox® Detergent	No Effect	No Effect
10% Hydrochloric Acid	No Effect	No Effect
10% NaCl Salt Solution	No Effect	No Effect
Mineral Spirits	No Effect	No Effect
Alcohol Mix	No Effect	Loss of Density
10% Sodium Hydroxide Solution	No Effect	No Effect
DOT 4 Brake Fluid	No Effect	Complete Removal
Mineralised Methylated Spirit	No Effect	No Effect
Ethylene Glycol	No Effect	No Effect
WD-40	No Effect	Loss of Density
Turpentine Substitute	No Effect	Loss of Density

\*Medium speed, medium temperature setting

\*\* Tested in-house

### TIP TIME INTO PROFIT®

Get the most from your heatshrink by printing only the length of label you require. You can even produce idents for both ends of a wire at the same time using the unique cross ferrule functionality from our Professional software and our Plug'N'Play thermal printer.



# PRODUCT DATASHEET

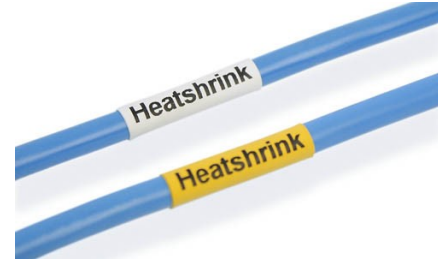


Legend™ LHS Premium Heatshrink

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## STORAGE INSTRUCTIONS

Storage Instructions	Store between 50° F (10° C) and 77° F (25° C)
Shelf Life	2 Years
Conditions	Keep in dark conditions
Humidity Resistance	35% to 65% RH

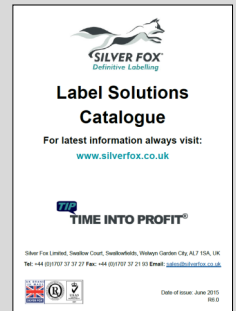
## ORDER INFORMATION

Product Code	Cable ID Ø Expanded (mm)	Cable ID Ø Recovered (mm)	Roll Length (m)	Rolls / Pack	Total Pack Length (m)	Colour Options
LHS/R/3-1T(PF)*	3.0	1.0	22	8 Rolls	176	<input checked="" type="checkbox"/> <input type="checkbox"/>
LHS/R/4.8-1.6T(PF)*	4.8	1.6	22	6 Rolls	132	<input checked="" type="checkbox"/> <input type="checkbox"/>
LHS/R/6-2T(PF)*	6.0	2.0	22	6 Rolls	132	<input checked="" type="checkbox"/> <input type="checkbox"/>
LHS/R/12-4T(PF)*	12.0	4.0	18	4 Rolls	72	<input checked="" type="checkbox"/> <input type="checkbox"/>
LHS/R/24-8T(PF)*	24.0	8.0	13	2 Rolls	26	<input checked="" type="checkbox"/> <input type="checkbox"/>
LHS/R/39-13T(PF)*	39.0	13.0	10	1 Roll	10	<input checked="" type="checkbox"/> <input type="checkbox"/>

\*Specify colour when ordering

Use with Silver Fox Labacus Innovator Advanced or Professional software.  
Print in conjunction with our Fox-in-a-Box Plug'N'Play thermal printer using the same ribbon as all our other thermal labels.

## SILVER FOX CATALOGUE



## TIP - TIME INTO PROFIT BROCHURE



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