



Label Solutions Guide

The simplest labelling solution on the market - tested to the highest specs



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IMPORTANT TO NOTE

The information in this catalogue and any other associated documentation is based upon our present knowledge and based on various tests. The information is given without any guarantee or agreement with regards to the quality or properties of the material. It does not constitute a warranty of any certain quality, properties and/or service life concerning the Silver Fox Range of labels.

The simplest labelling solutions on the market

Silver Fox is a UK owned, UK manufacturer. We work hard to ensure our solutions are the simplest and easiest to use in the market.

How do we do this?

Software

- Continually improving our labelling software
- Providing updates with our unique automated web updates
- Including videos in our software to provide help and advice at every step
- Offering free technical support

TIP - Time into Profit®

Printer

- Offering true Plug'N'Play for our thermal printer
- Print all our thermal labels with **One** software
- **One** printer
- **One** ribbon
- Producing sufficient stocks to give Ex-Stock delivery

All this helps our customers save time and money.

Tested to the highest specs

Labels

Once installed our labels need to give long term performance, that's why we only use the best materials and then independently test them over and above the normal industry levels. Plus, wherever the procedure allows, we test the final printed label and not just the material. In short we test the finished product you will be using.

Make Labelling your signature for quality and reliability®.



Fox-in-a-Box®

Our proprietary best-selling Fox-in-a-Box® is revolutionary. No other system offers this simplicity and range of labels. It is all designed to make your life easier.

See how easy it is to use our Fox-in-a-Box®



2001

Silver Fox Fact

Non-Jargon Context-Sensitive Help Launched.

Introduced non-jargon context-sensitive help in our software including screen dumps, photographs, tutorials and worked examples.

Preparing and printing your labels.

Labacus® Innovator Software. Evolution and not revolution.

Since 1997 Silver Fox has been implementing a continuous schedule of software development. Additionally, we often receive feedback from our engineering customer base across the globe, wherever possible we integrate these ideas into future releases. And in conjunction with our unique automated web update functionality, updates are available to all our users.

Depending on the level of software chosen these regular updates have included:

- Fox-in-a-Box® automatic USB port identification for true Plug'N'Play
- Colour fonts and backgrounds
- Resistor Colour coding
- Multiple list capability
- Barcodes and QR codes
- Video help incorporated Barcodes

And many more.... all designed to make your work easier and more straightforward and save you time and frustration.

So, our thanks to all those engineers who have taken the time to assist us in this way. Today more than ever time savings are critical.

TIP - Time into Profit®

LICENCE AND SUPPORT FEES

There is a one off license fee* that is on a per desk basis. Multiple desk licenses are also available.

*If you need to transfer the software to another PC there will be a £30 administration fee to issue a new licence.

UPGRADES

To protect your investment, should there be a need for higher levels of functionality, you can seamlessly upgrade to a higher level. To make this easy and cost effective, the upgrade price is the current incremental cost between the levels, plus a small administration fee.

We offer 4 levels of software, the Labacus® Innovator-Lite, includes **Free trials** of Basic/Advanced/Professional each for 3 separate days (9 separate days in total) www.silverfox.co.uk/products/labacus-innovator-software/





Labacus® Innovator – Lite (Free)

Main features:

- Includes templates for the full range of Silver Fox, CommScope* and Farnell* laser templates
- Copy/paste from any spreadsheets
- Produce simple builds
- Includes short 'Help' Videos
(Learn to use the software in minutes)



Labacus® Innovator – Basic

Main features (Lite plus):

- Includes templates for all Silver Fox thermal and laser labels
- Plug'N'Play thermal printer interface
- Entry level for Fox-in-a-Box®
- Save/Recall jobs
- Choose your own font and pitch



Labacus® Innovator – Advanced

Main features (Basic plus):

- Import CSV spreadsheets single column/merge multiple columns
- Multiple entry blocks for fast build construction
- Sequences with pre-fix and/or suffix
- Select font sizes
- Multiple line labels



Labacus® Innovator – Professional

Main features (Advanced plus):

- Barcodes and QR codes
- Graphics
- Full spreadsheet view on import
- Variable duplication allowing different quantities if each cable ID
- Cross-Ferruling functionality
- Professional Satellite technology offering locked jobs to distant sites

Silver Fox Fact

1998

Introduction of EIA 606 Colour-Coded Labels.

First company to introduce EIA/TIA 606 colour-coded labels

*CommScope® labels available from your normal CommScope® channel

*Farnell® labels available directly through Premier Farnell

Download a free trial
Labacus® Innovator





Fox-in-a-Box[®]

Thermal Solutions

We offer a wide range of durable thermally printed – cable, wire and equipment labelling solutions, all prepared and printed through our Fox-in-a-Box[®] thermal printer kit.

Whichever label type you choose this means just:

- **One** software
- **One** printer
- **One** ribbon

This unique common platform makes your work so easy! It saves you time and wasted labels. Why be obliged to buy different printers and perhaps even different software packages. One kit, the Fox-in-a-Box[®] does it all, and even uses the same ribbon for everything. Job done!

There are 3 levels of software that drive Fox-in-a-Box[®]:

- Basic
- Advanced
- Professional

Whichever level you are working with, updates are available in conjunction with our unique automated web update functionality.

This ensures that your investment is kept fully up to date with the latest software release. Plus, whether you are on the Basic or Advanced levels, because of our unique system you can always upgrade seamlessly to a higher level, without wasting your initial investment on the software or printer. You will pay just the current incremental cost plus a small admin fee.



Laser labels

The same software that drives Fox-in-a-Box[®] also includes all our laser templates as well as the Farnell[®] and CommScope[®] templates. Farnell[®] and CommScope[®] labels are available from your usual supplier channels.

If you wish to only print our laser range of labels, you can purchase The Basic/Advanced/Professional Labacus[®] Innovator labelling software. This gives you complete flexibility and control. If you are using the Basic or Advanced, and you need more functionality at a later time, you can upgrade seamlessly to a higher level at the current incremental cost plus a small admin fee.



Upgrade to Fox-in-a-Box[®]

If at some stage, you want to print any of our thermal labels, you can purchase our DTP1/300 thermal printer, plug it in to your PC then print our thermal labels.

Pre-print

Our solutions are designed to save you time and money. Even so, sometimes, your resources may be particularly limited and critical. In these instances we are there to help you as well. Our Custom Pre-print service, helps you release valuable extra resource for your project. Silver Fox can pre-print your labels then deliver to UK (or international) sites, making a very real contribution by helping you to meet your tight project deadlines.

Choose from our entire range of label solutions, or mix and match as your project requires, including engraved labels. Depending on order timing/delivery locations, labels can be on-site as early as next day.

Endurance®

As well as laser and traditional mechanically engraved labels, Silver Fox also offer a growing range of solutions based around pipes and valves. These are both factory prepared in the case of Endurance® Heavy Duty Pipeline ID tape and customer prepared via the

Fox-in-a-Box® thermal printer kit for such items as valve tags.

We also offer a High Performance Warning Tape that can be printed locally via the Fox-in-a-Box® thermal printer kit.

Multi Site-Ready packs

We also offer site ready packs with all the labels ready pre-printed and prepared ready for use. This is particularly helpful if you are organizing a roll out over many sites, all of which require similar number schemes and perhaps a mix of label types from cable to wire markers and engraved. In these instances we can pre-prepare the agreed packs, seal each "kit" in a bag and send out according to you or your contractors instructions to be ready for fitting. Next/same day delivery is available for these pre-prepared packs.



1999

Silver Fox Fact

Introduction Of 32-Bit Labelling Software.

First company to introduce a 32 bit patented multi-list labelling software.



Thermal Printer Ribbons

A range of thermal ribbons for the Silver Fox DTP-1/300 'Plug'N'Play thermal printer.

Available in 25mm, 60mm and 110mm lengths, all are 300m long. Coloured ribbons are available for our Fox-Flo® range of cable labels.

TECHNICAL DATA

Printing method:	DTP-1 Printer
Standard Ribbon:	TSR3
Coloured Ribbon:	TSR4



Product Type	TSR3/300/25	TSR3/300/60	TSR3/300/110
Legend™ Tie-on LM9013T	N/A	N/A	23,000
Legend™ 2-Part System L6/20T	N/A	N/A	100,000
Legend™ 2-Part System L8/30T	N/A	50,000	50,000
Legend™ 2-Part System L6/50T	N/A	50,000	50,000
Prolab® Wrap-around PSA1/07/2512T	N/A	N/A	30,000
Prolab® Wrap-around PSA1/08/2519T	N/A	N/A	27,200
Prolab® Wrap-around PSA1/08/2524T	N/A	N/A	25,000
Fox-Flo® LSZH Tie-on LCLZ2-5010T	N/A	6,000	6,000
Fox-Flo® LSZH Tie-on LCLZ1-5015T	6,000	6,000	6,000
Fox-Flo® LSZH Tie-on LCLZ3-5015T	N/A	6,000	6,000
Fox-Flo® LSZH Tie-on LCLZ1-5025T	N/A	6,000	6,000
Fox-Flo® LSZH Tie-on LCLZ2-7010T	N/A	4,285	4,285
Fox-Flo® LSZH Tie-on LCLZ1-7015T	4,285	4,285	4,285
Fox-Flo® LSZH Tie-on LCLZ3-7015T	N/A	4,285	4,285
Fox-Flo® LSZH Tie-on LCLZ1-7025T	N/A	4,285	4,285
Fox-Flo® LSZH Tie-on LCLZ1-9015T	3,330	3,330	3,330
Fox-Flo® LSZH Tie-on LCLZ3-9015T	N/A	3,330	3,330
Fox-Flo® LSZH Tie-on LCLZ1-9025T	N/A	3,330	3,330
Fox-Flo® LSZH Tie-on LCLZ1-11015T	2,725	2,725	2,725
Fox-Flo® LSZH Tie-on LCLZ3-11015T	N/A	2,725	2,725
Fox-Flo® LSZH Tie-on LCLZ1-11025T	N/A	2,725	2,725
Fox® Tie-on LCP1-6015T	5,000	5,000	5,000
Fox® Tie-on LCP1-6025T	N/A	5,000	5,000
Fox® Tie-on LCP1-8015T	3,750	3,750	3,750
Fox® Tie-on LCP1-8025T	N/A	3,750	3,750
Fox® Tie-on LCP1-10015T	3,000	3,000	3,000
Fox® Tie-on LCP1-10025T	N/A	3,000	3,000
Endurance® Valve Tags EVTP1-6050T	N/A	5,000	5,000
Endurance® Valve Tags EVTP1-8050T	N/A	3,750	3,750
Prolab® Asset Label P/AT01/5025T	N/A	N/A	24,000
Prolab® Asset Label P/AT01/6010T	N/A	N/A	50,000
Prolab® Raised Profile P/RPL01/5025T	N/A	8,100	8,100

Product Type	TSR3/300/60	TSR3/300/60	TSR3/300/110	TSR3/300/110
	1 Reel	2 Reels	1 Reel	2 Reels
Legend™ Non-Shrink 10mm Lengths	30,000	60,000	30,000	60,000
Legend™ Non-Shrink 25mm Lengths	12,000	24,000	12,000	24,000
Legend™ Non-Shrink 50mm Lengths	6,000	12,000	6,000	12,000
Legend™ Non-Shrink 75mm Lengths	4,000	8,000	4,000	8,000
Legend™ Non-Shrink 100mm Lengths	3,000	6,000	3,000	6,000

Product Type	TSR3/300/60	TSR3/300/60	TSR3/300/110	TSR3/300/110
	1 Reel	2 Reels	1 Reel	2 Reels
Legend™ Heat-Shrink 10mm Lengths	30,000	60,000	30,000	60,000
Legend™ Heat-Shrink 25mm Lengths	12,000	24,000	12,000	24,000
Legend™ Heat-Shrink 50mm Lengths	6,000	12,000	6,000	12,000
Legend™ Heat-Shrink 75mm Lengths	4,000	8,000	4,000	8,000
Legend™ Heat-Shrink 100mm Lengths	3,000	6,000	3,000	6,000

Product Type	TSR3/300/60	TSR3/300/60
	1 Reel	2 Reels
Legend™ LSZH Heat-Shrink 10mm Lengths	30,000	60,000
Legend™ LSZH Heat-Shrink 25mm Lengths	12,000	24,000
Legend™ LSZH Heat-Shrink 50mm Lengths	6,000	12,000
Legend™ LSZH Heat-Shrink 75mm Lengths	4,000	8,000
Legend™ LSZH Heat-Shrink 100mm Lengths	3,000	6,000

Product Code	Application	Width (mm)	Length (m)	Rolls / Pack	Colours
TSR3/300/25	Fox-Flo® & Fox® < 15mm	25	30	2 Rolls	●
TSR3/300/60	All Applications	60	30	1 Roll	●
TSR3/300/110	All Applications	110	30	1 Roll	●
TSR4/300/60*	Fox-Flo® Labels	60	30	1 Roll	○ ● ● ●

*Specify colour when ordering

For more information and to discuss your needs please contact our sales team on: +44 (0) 1707 37 37 27 or email sales@silverfox.



Fox-Flo® UV Stable, LSZH Tie-on Cable Labels

Fox-Flo® is a special UV stable LSZH (Low Smoke, Zero-Halogen) material that we have developed to ensure the highest levels of durability.

Typical applications would be in Oil & Gas, Power, Rail/Metro and buildings where LSZH is part of the specification. It can be used externally and in marine environments. To save time when printing, the 10mm labels are available in two across and the 15mm labels are available in both 1 across and 3 across.

Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

As guidance: a 300M thermal ribbon will yield approximately 3,000 x 90mm length labels.

TECHNICAL DATA

Material:	Fox-Flo®
Thickness:	1mm*
RoHS:	Yes
Reach:	Yes
* 10mm Fox-Flo® is 0.7mm	

TESTING

Test	Method	Tested	Yellow	White	Blue	Red
Flammability - Oxygen Index	BS EN ISO 4589-2 1999	Material	45.40%	44.6%	45.4%	48%
Flammability - Vertical Burning Test	UL 94 Section 8 Rating V0	Material	✓	✓	✓	✓
Smoke Emmision	BS 6853:1999 Annex D.8.3	Material	✓	✓	✓	✓
Toxic Fume	BS 6653:1999 Annex B.1	Material	✓	✓	✓	✓
Fire Testing of Materials and Components for Trains - Oxygen Index & Flue Gas Density	EN 45545-2 R22	Material	✓			
Smoke & Toxicity	IMO FTPC Part 2	Material	✓	✓		
Surface Spread of Flames	IMO FTPC Part 5	Material	✓	✓		
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 8000 hrs	Finished Printed Label	✓	✓	✓	✓
Elevated Temperature**	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	Finished Printed Label	✓	✓	✓	✓
Low Temperature*	MIL-STD-810F Method 502.4 - 72 hrs @ -40°	Finished Printed Label	✓	✓	✓	✓
H2S Sour Gas	Exposure (2% H2S)	Finished Printed Label	✓	✓	✓	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	Finished Printed Label	✓	✓	✓	✓
Chemical/Solvent Resistance	Refer data sheet	Finished Printed Label	✓			

* Followed by a manipulation test. Manipulation of the labels were performed at -40°C at completion of the low temperature test.

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

Fox-Flo® is a specially developed material ensuring the highest levels of UV stability and LSZH performance.

External – UV Resistance

Fox-Flo® final printed labels have been successfully independently & (non-destructively) tested for 8,000 hours accelerated UV ageing according to ISO 4982 Part 3 Method A Cycle 1.

At the end of the test, the printed labels (which were fully readable) were then successfully bent around different sized mandrels to ensure they remained properly flexible. See the video from Materials Technology testing house on our website.

No other company had ever tested their labels (printed or otherwise) for anywhere near these long durations. They represent approx. 12-15 years Northern Europe & 7-8 years Tropical. And of course, after all this testing, the labels were still fully readable and still fully flexible.



*specify colour eg LCLZ2-5010TY

Flammability

Fox-Flo® has been successfully independently tested for:

- UL 94 V0.
- Oxygen index yielding levels of 45%. (approx. 50% higher than min threshold for use on London Underground).
- Surface Spread of flames – International Maritime Organisation IMO FTPC Part 5.

Elevated Temperatures

Fox-Flo® finished printed labels have been successfully independently tested for a total of 2000 hours at elevated temperatures. 500 hours 70°C followed by 500 hours 85°C followed by 1000 hours at 100°C.

Low Temperatures

Fox-Flo® finished printed labels have also been independently tested down to -40°C and then successfully flexed.

Rail Applications

Fox-Flo® material meets and exceeds the requirements for rail applications having been successfully independently tested for Smoke/Toxic Fumes/Oxygen Index. (for results see previous page). Fox-Flo® labels should also be considered for use in public areas/buildings where LSZH is required.

Marine and Offshore Applications

Fox-Flo® printed labels have also been successfully independently tested for salt mist spray according to EC60068-2-52 Test Kb Salt Mist (Cycle) Fox-Flo® material has been successfully independently tested according to IMO standards for smoke toxicity and surface spread of flames.

Product Code	Label Dimensions (mm)	Labels per roll	Rolls per pack	Labels per pack	Colours*
LCLZ2-5010T*	50 x 10	750	3	2250	● ○ ●
LCLZ2-7010T*	70 x 10	550	3	1650	● ○ ●
LCLZ1-5015T*	50 x 15	160	5	800	● ○ ● ● ● ● ● ● ●
LCLZ3-5015T*	50 x 15	480	2	960	●
LCLZ1-7015T*	70 x 15	150	5	750	● ○ ● ● ● ● ● ● ●
LCLZ3-7015T*	70 x 15	450	2	900	●
LCLZ1-9015T*	90 x 15	140	5	700	● ○ ● ● ● ● ● ● ●
LCLZ3-9015T*	90 x 15	420	2	840	●
LCLZ1-11015T*	110 x 15	120	5	600	● ○ ● ● ● ● ● ● ●
LCLZ1-13015T*	130 x 15	100	5	500	● ○ ● ● ● ● ● ● ●
LCLZ3-11015T*	110 x 15	360	2	720	●
LCLZ3-13015T*	130 x 15	300	2	600	●
LCLZ1-5025T*	50 x 25	160	3	480	● ○ ● ● ● ● ● ● ●
LCLZ1-7025T*	70 x 25	150	3	450	● ○ ● ● ● ● ● ● ●
LCLZ1-9025T*	90 x 25	140	3	420	● ○ ● ● ● ● ● ● ●
LCLZ1-11025T*	110 x 25	120	3	360	● ○ ● ● ● ● ● ● ●
LCLZ1-11025T*	130 x 25	100	3	300	● ○ ● ● ● ● ● ● ●
LCLZ1-7050T*	70 x 50	150	2	300	● ○
LCLZ1-9050T*	90 x 50	140	2	280	● ○
LCLZ1-11050T*	110 x 50	120	2	240	● ○
LCLZ1-13050T*	130 x 50	100	2	200	● ○

For more information and to discuss your needs please contact our sales team on: +44 (0) 1707 37 37 27 or email sales@silverfox.



Fox[®] Tie On Cable Labels

A tough tie-on cable label made from UV stable PVC.
Ideal for general commercial application.

Print via Fox-in-a-Box[®] thermal printer using "One One One" as for all our range of thermal labels.

A 300M thermal ribbon will yield approximately 3,200 x 80mm length labels.

TECHNICAL DATA

Material:	PVC
Thickness:	1mm
RoHS:	Yes
Reach:	Yes

2002

Silver Fox Fact

"Plug'N'Play" Thermal Printer Released.

First company to introduce a 'Plug'N'Play' thermal printer.

TESTING

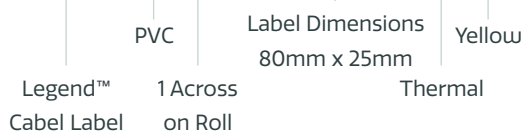
Test	Method	Results
Elevated Temperature	In House - 1000 hours @ 70°C	✓
Low Temperature	In House - 1000 hours @ -18°C	✓
Resistance to Solvents	MIL-STD-202-215 w/change 1	✓



*specify colour eg LCP1-6015TW

Product Code	Label Dimensions (mm)	Labels per roll	Rolls per pack	Labels per pack	Colours*
LCP1-6015T	60 x 15	150	5	750	○ ●
LCP1-8015T	80 x 15	140	5	700	○ ●
LCP1-10015T	100 x 15	120	5	600	○ ●
LCP1-12015T	120 x 15	100	5	500	○ ●
LCP1-6025T	60 x 25	150	3	450	○ ●
LCP1-8025T	80 x 25	140	3	420	○ ●
LCP1-10025T	100 x 25	120	3	360	○ ●
LCP1-12025T	120 x 25	100	3	300	○ ●

LC P1 - 8025 TY





Legend™ Tie On Cable Labels

Made from a durable polyester, these labels are ideal for internal applications such as sub-stations and control rooms. (Also see Legend Laser range in A4 sheets).

Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

A 300m thermal ribbon (full width) will yield approximately 16,000 labels.

TECHNICAL DATA

Material:	Polyester
Thickness:	175 micron
RoHS:	Yes
Reach:	Yes

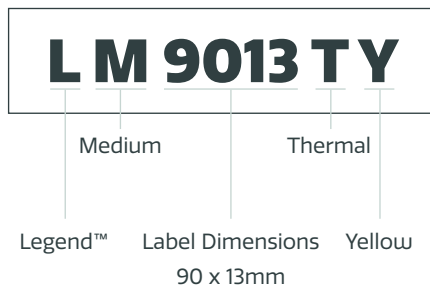
TESTING

Test	Method	Results
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Product Code	Label Dimensions (mm)	Labels per roll	Rolls per pack	Labels per pack	Colours
LM9013T	90 x 13	3000	1	3000	●



Silver Fox Fact

"Try-Before-You-Buy" Downloadable Labelling Software Released.

First labelling company to introduce a fully functioning 'try-before-you-buy' web-downloadable labelling software.

2003

For more information and to discuss your needs please contact our sales team on: +44 (0) 1707 37 37 27 or email sales@silverfox.



Legend™ LHS Premium Heatshrink

Legend™ Premium Heatshrink is manufactured to offer a consistently high grade Heatshrink solution.

Manufactured in a 3:1 shrink ratio that means each size covers a wider range of cable diameters. It is also specially designed to have a lower shrink temperature, which in turn saves time when shrinking onto the cable.

Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

Printing 2 Rolls with the Advanced/ Professional software will yield approx 23,000 x 25 mm length labels on from a 300m roll of thermal ribbon.

Print both ends of wire at the same time using the unique cross ferruling functionality in the Professional level.

TECHNICAL DATA

Material:	Polyolefin
RoHS:	Yes
Reach:	Yes



TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 3000 hrs	✓
Elevated Temperature**	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature*	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓
Resistance to Solvents	MIL-STD-202-215 w/change 1	✓

* Followed by a manipulation test. Manipulation of the labels were performed at -40°C at completion of the low temperature test.

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

LHS / R / 6-2 T (PF) W

Legend™	Roll Format	6-2mm Cable ODØ	Thermal	Premium Flattened	White
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Product Code	Cable ODØ exp. (mm)	Cable ODØ rec. (mm)	Roll Length (m)	Pack Qty	Total Pack Length (m)	Colours*
LHS/R/3-1T(PF)	3	1	22	8 rolls	176	○ ●
LHS/R/4.8-1.6T(PF)	4.8	1.6	22	6 rolls	132	○ ●
LHS/R/6-2T(PF)	6	2	22	6 rolls	132	○ ●
LHS/R/12-4T(PF)	12	4	18	4 rolls	72	○ ●
LHS/R/24-8T(PF)	24	8	13	2 rolls	26	○ ●
LHS/R/39-13T(PF)	39	13	10	1 rolls	10	○ ●

*specify colour eg LHS/R/3-1T(PF)W



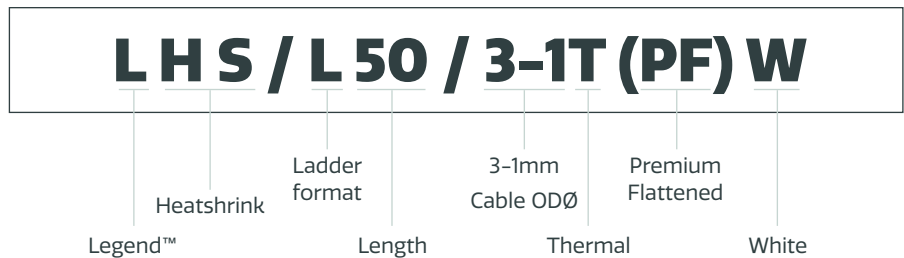
Legend™ LHS Premium Ladder Heatshrink

The key benefit of the Legend® Ladder Heatshrink is the ladder-style function that enables the user to easily remove the markers from the carrier.

Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

TECHNICAL DATA

Material:	Polyolefin
RoHS:	Yes
Reach:	Yes



TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 3000 hrs	✓
Elevated Temperature**	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature*	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S).	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓
Resistance to Solvents	MIL-STD-202-215 w/change 1	✓

* Followed by a manipulation test. Manipulation of the labels were performed at -40°C at completion of the low temperature test.

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

2019

Silver Fox Fact

Silver Fox is the only UK owned UK manufacturer of ladder heatshrink.



Product Code	Cable ODØ exp. (mm)	Cable ODØ rec. (mm)	Labels per roll	Pack Qty	Colours*
LHS/L50/3-1T(PF)	3	1	2500	1 roll	○ ●
LHS/L50/4.8-1.6T(PF)	4.8	1.6	2000	1 roll	○ ●
LHS/L50/6-2T(PF)	6	2	1500	1 roll	○ ●
LHS/L50/12-4T(PF)	12	4	900	1 roll	○ ●
LHS/L50/24-8T(PF)	24	8	375	1 roll	○ ●
LHS/L50/39-13T(PF)	39	13	275	1 roll	○ ●

*specify colour eg LHS/L50/3-1T(PF)W



Legend™ LSZH Heatshrink

Legend™ LSZH Heatshrink is manufactured to offer a consistently high grade heatshrink solution.

Manufactured in a 2:1 ratio. Print via Fox-in-a-Box® thermal printer using "One One One" for all our range of thermal labels.

Printing 2 rolls at a time on Advanced/Professional levels yields approximately 23,000 x 25mm labels on our 300M ribbon.

Print both ends of wire at the same time using the unique cross ferruling functionality in the Professional level.

TECHNICAL DATA

Material:	Polyolefin
RoHS:	Yes
Reach:	Yes

2006

Silver Fox Fact

Multiple Rolls Of Heatshrink Printing Available

First company to offer printing of multiple rolls of heatshrink at the same time.

TESTING

Test	Method	Results
Flame Retardant	UL224	✓
Fire Testing of Materials and Components for Trains - Oxygen Index & Flue Gas Density	EN 45545-2	✓
Resistance to Solvents	MIL-STD-202-215 w/change 1	✓



Product Code	Cable ODØ exp. (mm)	Cable ODØ rec. (mm)	Roll Length (m)	Pack Qty	Total Pack Length (m)	Colours*
LHLZ/C/R/2.4-1.2T(PF)	2.4	1.2	16	8 rolls	128	○ ●
LHLZ/C/R/3.2-1.6T(PF)	3.2	1.6	16	8 rolls	128	○ ●
LHLZ/C/R/4.8-2.4T(PF)	4.8	2.4	16	6 rolls	96	○ ●
LHLZ/C/R/6.4-3.2T(PF)	6.4	3.2	16	6 rolls	96	○ ●
LHLZ/C/R/9.5-4.8T(PF)	9.5	4.8	14	4 rolls	56	○ ●
LHLZ/C/R/12.7-6.4T(PF)	12.7	6.4	14	4 rolls	56	○ ●
LHLZ/C/R/19.1-9.5T(PF)	19.1	9.5	12	3 rolls	36	○ ●
LHLZ/C/R/25.4-12.7T(PF)	25.4	12.7	12	2 rolls	24	○ ●
LHLZ/C/R/38.1-19.1T(PF)	38.1	19.1	11	1 roll	11	○ ●

*specify colour eg LHLZ/C/R/2.4-1.2T(PF)W

LHLZ / C / R / 3.2-1.6 T (PF) Y

Legend™ Heatshrink

Low-Smoke Zero Halogen

Roll Format

3.2-1.6mm Cable ODØ

Thermal

Premium Flattened

Yellow



Legend™ LSZH Ladder Heatshrink

The key benefit of the Legend® Ladder Heatshrink is the ladder-style function that enables the user to easily remove the required markers from the carrier while the structure remains.

Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

TECHNICAL DATA

Material:	Polyolefin
RoHS:	Yes
Reach:	Yes

TESTING

Test	Method	Results
Flame Retardant	UL224	✓
Fire Testing of Materials and Components for Trains - Oxygen Index & Flue Gas Density	EN 45545-2	✓
Resistance to Solvents	MIL-STD-202-215 w/change 1	✓



Product Code	Cable ODØ exp. (mm)	Cable ODØ rec. (mm)	Labels per roll	Pack Qty	Colours*
LHLZ/C/L50/2.4-1.2T(PF)	2.4	1.2	2250	1 roll	○ ●
LHLZ/C/L50/3.2-1.6T(PF)	3.2	1.6	1800	1 roll	○ ●
LHLZ/C/L50/4.8-2.4T(PF)	4.8	2.4	1500	1 roll	○ ●
LHLZ/C/L50/6.4-3.2T(PF)	6.4	3.2	1100	1 roll	○ ●
LHLZ/C/L50/9.5-4.8T(PF)	9.5	4.8	800	1 roll	○ ●
LHLZ/C/L50/12.7-6.4T(PF)	12.7	6.4	600	1 roll	○ ●
LHLZ/C/L50/19.1-9.5T(PF)	19.1	9.5	400	1 roll	○ ●
LHLZ/C/L50/25.4-12.7T(PF)	25.4	12.7	275	1 roll	○ ●
LHLZ/C/L50/38.1-19.1T(PF)	38.1	19.1	200	1 roll	○ ●

* Specify colour eg LHLZ/C/L50/3.2-1.6T(PF)W

LHLZ / C / L50 / 3.2-1.6 T (PF) W

Legend™ Heatshrink	Low-Smoke Zero Halogen	Ladder Format	Length	3.2-1.6mm Cable ODØ	Thermal	Premium Flattened	White
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Legend™ LNST Non-shrink Tubing

Legend™ Non-shrink tubing is made from a durable PVC. It offers a very low cost alternative to heatshrink and also a very fast lower cost alternative to individual ferrules.

Once positioned, the label stays in place due to the special oval shape design, that grips the wire. This oval design also means that each size covers a spread of cable diameters, reducing stock needs and costs.

A benefit of Non-shrink tubing is **no heat gun** is needed, therefore **no hot gun permit required**. Particularly useful in **the oil and gas industry!**

Further, because of its low cost and speed of printing, this is also a powerful alternative to individual ferrules. As the tube is supplied blank there are significant stock volume/cost benefits. When printed all the characters are in-line and stay in line. So, it's easier to read ident.

Print via Fox-in-a-Box® thermal printer using **"One One One"** as for all our range of thermal labels.

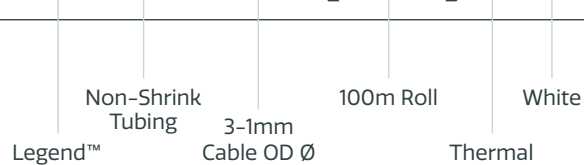
Printing 2 rolls at a time on Advanced/ Professional levels yields approximately 23,000 x 25mm labels on our 300M ribbon.

Print both ends of wire at the same time using the unique cross ferruling functionality in the Professional level.

TECHNICAL DATA

Material:	PVC
RoHS:	Yes
Reach:	Yes

L NST 3-1 (100) T W



TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 2 - 4000 hrs (white) 1000 hrs (yellow)	✓
Elevated Temperature**	MIL-STD-202G Method 108A - 1000 hrs @ 70°C to 85°C	✓
Low Temperature*	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓
Resistance to Solvents	MIL-STD-202-215 w/change 1	✓

* Followed by a manipulation test. Manipulation of the labels were performed at -40°C at completion of the low temperature test.

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



Product Code	Cable ODØ rec. (mm)	Roll Length (m)	Pack Qty	Total Pack Length (m)	Colours*
LNST2-1(150)T	1-2	150	2 rolls	300	○ ● ●
LNST3-1(100)T	1-3	100	2 rolls	200	○ ● ●
LNST4-2(75)T	2-4	75	2 rolls	150	○ ●
LNST5-3(50)T	3-5	50	2 rolls	100	○ ●
LNST6-4(30)T	4-6	30	2 rolls	60	○ ● ●

*specify colour eg LNST2-1(150)TW



Legend™ 2 Part Labels

The key benefit of the Legend® 2-part system is that the wire ID can be changed even after termination without cutting off the wire.

The system consists of a clear plastic tubing with 2 recesses; one for the label and one for the wire. The label recess remains the same no matter what size of cables. So there is only one label type that covers all the widths and sizes of cable. Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

A 300m thermal ribbon will yield approximately 40,000 labels. Typical uses include; Sub-Stations, Control Rooms or any application where the ID is likely to need frequent changes.

The flexible polypropylene label has a special 'bottle' shape allowing it to be pulled into the clear tubing, this style makes it quick and easy to 'load/unload' label.

TECHNICAL DATA

Material:	Polypropylene
RoHS:	Yes
Reach:	Yes

TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 500 hrs	✓
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Product Code	Label Dimensions (mm)	Labels per roll	Rolls per pack	Colours
L6/20T	20x5	5,000	1 roll	○
L8/30T	30x5	5,000	1 roll	○
L6/50T	50x5	5,000	1 roll	○

Tubing is available in various sizes depending on the diameter of the cable, whatever the size, it still takes the same label. Additionally, the tubing and matching labels are available in three sizes; 20mm, 30mm and 50mm. The longer the label, the more characters that can be printed. See page 26 for details

2002

Silver Fox Fact

Introduction Of 50mm Length Label For 2-Part Wire Marking.

First company to introduce a 50mm length label for 2-part wire marking.



Prolab® Wrap Around Labels

The polyethylene self-laminating wrap round labels are ideal for data cabling.

They incorporate a strong, long lasting acrylic adhesive. Typical applications would be industrial Ethernet, data centres etc. Barcoding/QR Coding/ Graphics functionality is available via the Professional level Fox-in-a-Box®.

Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

To print all around the cable, several labels in our range offer deeper print areas eg: PSA1/2519T. This allows you to print same cable ID all around the cable, meaning ID can be read from any side.

As a guide, a 300m thermal ribbon will yield up to 30,000 labels depending on label size.

TECHNICAL DATA

Material:	Polyethylene
Thickness:	105 micron
RoHS:	Yes
Reach:	Yes

TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 500 hrs	✓
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Product Code	Cable OD Ø (mm)	Printable Area (mm)	Labels per Roll	Unit Quantity	Colours*
PSA1/07/2512T	5 - 7	25 x 12	5000	1 roll	○
PSA1/08/2519T	5 - 8	25 x 19	5000	1 roll	○ ● ● ● ●
PSA1/08/2524T	5 - 8	25 x 24	5000	1 roll	○

*specify colour eg PSA1/08/2519TW



Prolab[®] Asset Labels

The Prolab[®] Asset labels are made from a durable polyester with a strong adhesive to ensure long-term bonding.

Typically, they can be used to label both assets and equipment. These labels are designed for internal use.

Print via Fox-in-a-Box[®] thermal printer using "One One One" as for all our range of thermal labels. A 300m thermal ribbon will yield approximately 50,000 60mm x 10mm labels.

TECHNICAL DATA

Material:	Self-adhesive Polyester
Thickness:	56 micron
RoHS:	Yes
Reach:	Yes

Silver Fox Fact

2006

Automatic Software Updates Released.

First labelling company to include automated web-update functionality on our labelling software.

TESTING

Test	Method	Results
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Product Code	Label Dimensions (mm)	Labels per Roll	Pack Qty	Labels per Pack	Colours*
P/AT01/5025T	50 x 25	2500	1 roll	2500	○ ●
P/AT01/6010T	60 x 10	5000	1 roll	5000	○ ●

*specify colour eg P/AT01/5025TW



Prolab[®] Raised Profile Labels

Prolab[®] Raised Profile are a very durable alternative to engraved labels, they incorporate a strong acrylic adhesive for long term bonding.

Prolab[®] Raised Profile labels are designed and manufactured to ensure maximum durability both for long term bonding and quality of print. Typical applications would include:

- Sockets with circuit ID numbers
- Patch panel identification
- Push-buttons
- CCTV Camera ID numbers
- Switches and internal connection points

In conjunction with the Professional level of software you can also produce QR and Bar codes as well as graphics.

Consider as an alternative to engraved tags.

Service temperature of -18°C to 75°C

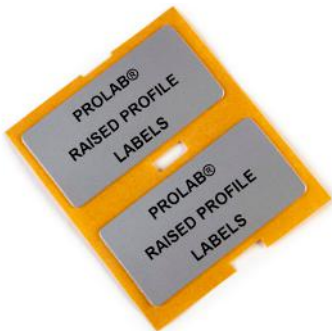
Print via Fox-in-a-Box[®] thermal printer using "One One One" as for all our range of thermal labels.

TECHNICAL DATA

Material:	Polycarbonate
Thickness:	0.7mm
RoHS:	Yes
Reach:	Yes

TESTING

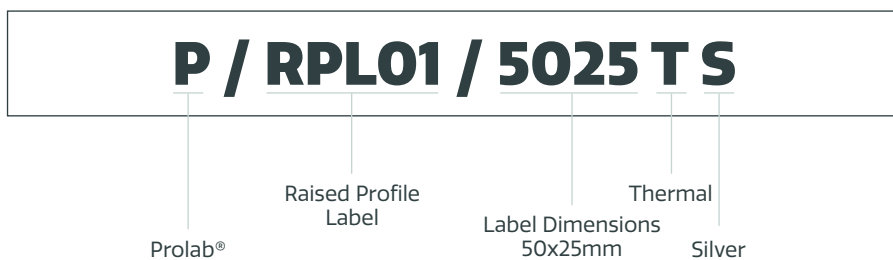
Test	Method	Results
Elevated Temperature	In House - 1000 hours @ 70°C	✓
Low Temperature	In House - 1000 hours @ -18°C	✓
Resistance to Solvents	MIL-STD-202-215 w/change 1	✓



Product Code	Label Dimensions (mm)	Labels per Roll	Pack Qty	Labels per Pack	Colours*
P/RPL01/5025T	50 x 25	600	2 roll	1,200	○ ● ●

*specify colour eg P/RPL01/2510TW

**special order sizes, enquire for leadtime



Silver Fox Fact

Labels Tested For H2S.
First company to test labels for H2S



Endurance® Valve Tags

Endurance® Valve Tags are made from a durable UV stable PVC.

A quick and easy way to label valves and equipment. When using with the Professional level Fox-in-a-Box® you can also use Barcodes/QR codes and Graphics.

Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

TECHNICAL DATA

Material:	PVC
Thickness:	1mm
RoHS:	Yes
Reach:	Yes

TESTING

Test	Method	Results
Elevated Temperature	In House - 1000 hours @ 70°C	✓
Low Temperature	In House - 1000 hours @ -18°C	✓



Product Code	Label Dimensions (mm)	Labels per Roll	Pack Qty	Labels per Pack	Colours*
EVTPI-6050T	60 x 50	150	2 roll	300	○ ●
EVTPI-8050T	80 x 50	140	2 roll	280	○ ●

*specify colour eg EVTPI-6050TW

Endurance® High Performance Tape

High-Performance PVC. Available in high gloss finished surface suitable for thermal transfer printing.

Print via Fox-in-a-Box® thermal printer using "One One One" as for all our range of thermal labels.

TECHNICAL DATA

Material	PVC film with solvent permanent adhesive
Dimensional Stability	Adhered to steel shrinkage 0.15mm max
Temperature Resistance	Adhered to aluminum -40°C to +100°C
Sea Water Resistance	Adhered to aluminum, after 100hrs/23°C no variation
Resistance to solvents and chemicals	At room temperature, 72hrs after adhesion to aluminium, short-term resistant to most oils & greases, fuels, aliphatic solvents, week acids, salts and alkalis



Product Code	Width (mm)	Roll Length		Pack Qty	Colours*
		Width (mm)	(m)		
E/HPT/A/025(200)T*	25	25	200	4 Rolls	● ● ● ● ● ● ● ● ● ●
E/HPT/A/050(100)T*	50	50	100	2 Rolls	● ● ● ● ● ● ● ● ● ●
E/HPT/A/100(050)T*	100	100	50	1 Roll	● ● ● ● ● ● ● ● ● ●

Thickness without protective paper and adhesive at 60 micron.

*specify colour eg E/HPT/A/050(100)TW



Legend™ Tie On Cable Labels

Made from durable polyester, these laser printable tie-on cable labels are designed to be printed through any ordinary office laser printer with its normal printer cartridge.

Supplied in (pre-perforated) plastic A4 sheets, that can be simply/quickly printed, the labels are then removed from the sheet by folding along the perforations.

Typical applications include; Power Stations, Sub-Stations, Control Rooms, Commercial Buildings, Hotels, Airports, Universities, Data Centres, Rail... Since no special equipment is needed, and with up to 60 labels printed in 20 seconds (the time it takes for the sheet to run through the printer), using this solution is simple and fast.

APPROVALS

We have been manufacturing this family of labels for over 15 years, it has been used and approved by a broad spread of contractors.

Also consider colour blocking label background on white labels using Advanced/Professional software and colour laser printer.

TECHNICAL DATA

Material:	Polyester
Thickness:	175 micron
RoHS:	Yes
Reach:	Yes

TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 500 hrs	✓
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Product Code	Label Dimensions (mm)	Labels per Sheet	Sheets per Pack	Labels per Pack	Colours*
LS6013L	60 X 13	60	10	600	○ ●
LM9013L	90 X 13	40	10	400	○ ●
LXL9020L	90 X 20	24	10	240	○ ● ● ● ● ●

Also available in packs of 100 e.g. LS6013L(100)

*specify colour eg LS6013LW



Legend™ 2 Part Labels

Labels supplied pre-cut as part of A4 sheets, designed to run through a standard office laser printer.

No special equipment required.

The key benefit of the 2 part system is that the wire ID can be changed even after termination without cutting off the wire.

The system consists of a clear plastic tubing with 2 recesses: one for the label and one for the wire. The label recess remains the same size. The wire recess changes according to diameter of wire to be marked. Diameter range: 1.2mm - 14mm.

The flexible polyester label has a special "bottle" shape allowing it to be pulled into the clear tubing, this style makes it quick and easy to 'load/unload' label.

Typical uses include; sub-stations, control rooms or any application where the ID is likely to need frequent changes.

TECHNICAL DATA

Material:	Polyester
Thickness:	175 micron
RoHS:	Yes
Reach:	Yes

TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 500 hrs	✓
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Product Code	Label Dimensions (mm)	Label Per sheet	Sheet Per Pack	Labels Per Pack	Colours
L75/20L*	20 x 5	75	10	750	○
L45/30L*	30 x 5	45	10	450	○
L38/50L*	50 x 5	38	10	380	○

* Also available in packs of 100 e.g. L75/20L(100)



Silver Fox Fact

Resistor Colour-Coding Functionality Released.

First company to include resistor colour-coding functionality into labelling software for wire markers via a standard colour laser printer.

2007



Legend™ 2-Part Labelling System - Clear Tubing

Clear tubing for use with the 2-part labelling system.

The tubing acts as both the carrier and protector for the label.

Tubing is available in various sizes depending on the diameter of the cable, whatever the size, it still takes the same label. Additionally, the tubing and matching labels are available in three sizes; 20mm, 30mm and 50mm. The longer the label, the more characters that can be printed.




TESTING

Test	Method
Moisture Resistance	MIL-STD-202G Method 106G
Low Temperature 72 hours @ -40°C	MIL-STD-810F Method 502.4
High Temperature 500 hours @ 70°C	MIL-STD-202G Method 108A
Hydrogen Sulphide	H2S Sour Gas Exposure (2% H2S)
UV Weathering 500 hours*	ISO 4982 Part 3 Method A Cycle 1
Salt Mist Spray	IEC60068-2-52 Test Kb Salt Mist (Cyclic)

TECHNICAL DATA

Material:	PVC
Colours:	Clear
RoHS:	Yes

HOW IT WORKS

STEP 1	STEP 2	STEP 3
		
Slide the tubing onto the cable/wire	Pull the printed label through the tubing	Tear/cut off tail

- Easy to use and apply
- Use with thermal or laser 2-part labelling system labels
- Choice of 3 lengths; 20mm, 30mm, 50mm
- Wide range of diameters from OD Ø 1.2mm to 14mm
- Because of this special design it is possible to slide the blank tubing onto the wire prior to termination. The label can then be inserted at any time during or after termination.



Product Code	Wire/Cable OD Ø (mm)	Tube Length (mm)	Qty / Pack
LT/1-2/20	1.25 - 2.5	20mm	1000
LT/1-2/30	1.25 - 2.5	30mm	1000
LT/1-2/50	1.25 - 2.5	50mm	1000
LT/2-4/20	2.5 - 4.0	20mm	1000
LT/2-4/30	2.5 - 4.0	30mm	1000
LT/2-4/50	2.5 - 4.0	50mm	1000
LT/3-5/20	3.0 - 5.0	20mm	1000
LT/3-5/30	3.0 - 5.0	30mm	1000
LT/3-5/50	3.0 - 5.0	50mm	1000
LT/4-7/20	4.0 - 7.0	20mm	1000
LT/4-7/30	4.0 - 7.0	30mm	1000
LT/4-7/50	4.0 - 7.0	50mm	500
LT/6-10/20	6.0 - 10.0	20mm	500
LT/6-10/30	6.0 - 10.0	30mm	500
LT/6-10/50	6.0 - 10.0	50mm	500
LT/10-14/20	10.0 - 14.0	20mm	500
LT/10-14/30	10.0 - 14.0	30mm	500
LT/10-14/50	10.0 - 14.0	50mm	500

For more information and to discuss your needs please contact our sales team on: +44 (0) 1707 37 37 27 or email sales@silverfox.



Prolab® Wrap Around Labels

The Prolab® wrap round self-laminating labels are made from a durable polyester, for long term bonding to the cable they have a strong acrylic adhesive.

Typical applications include: LAN's, Data Centres, and Industrial Ethernet as well as marine data applications.

COLOUR

Used in conjunction with either the Advanced or Professional levels of software and a colour laser printer. You can produce different colour labels and fonts.

RESISTOR COLOUR CODED LABELS

Uniquely the Advanced and Professional levels of Labacus® Software allow labels to be printed with resistor colour coding - colour laser printer required.

PRINT ALL AROUND THE CABLE

By choosing the labels with the deeper print areas such as P06/2519L this allows you to print your ID all around a 6 mm wide cable.

TECHNICAL DATA

Material:	Self-adhesive Polyester
Thickness:	25 micron
RoHS:	Yes
Reach:	Yes

TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 500 hrs	✓
Elevated Temperature	MIL-STD-202G Method 108A - 1000 hrs @ 85°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour	Gas Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓



Product Code	Cable OD Ø (mm)	Printable Area (mm)	Labels Per Sheet	Sheet Per Pack	Labels Per Pack	Colours
P05/2508L*	5	25 x 8	80	10	800	○
P06/2519L*	5-6	25 x 19	48	10	480	○
P08/1212L*	5-8	12 x 12	90	10	900	○
P08/2512L*	5-8	25 x 12	48	10	480	○
P08/5012L*	5-8	50 x 12	24	10	240	○
P13/2520L*	5-13	25 x 20	32	10	320	○
P13/5020L*	5-13	50 x 20	16	10	160	○
P17/2525L*	8-17	25 x 25	24	10	240	○
P20/2520L*	10-20	25 x 20	24	10	240	○
P20/5020L*	10-20	50 x 20	12	10	120	○

* Also available in packs of 100 e.g. P05/2508L(100)



Prolab[®] Optical Fibre Flag Labels

The Prolab[®] self-adhesive Optical Fibre Flag Labels are designed to be used on individual optical fibres.

Supplied in A4 sheets, print through an ordinary office laser printer. The special shoulder design helps the user to align the label when fitting. These polyester labels incorporate a strong acrylic adhesive to ensure long term bonding.

TECHNICAL DATA

Material:	Self-adhesive Polyester
Thickness:	36 micron
RoHS:	Yes
Reach:	Yes

TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 500 hrs	✓
Elevated Temperature**	MIL-STD-202G Method 108A - 1000 hrs @ 85°C	✓
Low Temperature*	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour	Gas Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

* Followed by a manipulation test. Manipulation of the labels were performed at -40°C at completion of the low temperature test.

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



Product Code	Folded	Label	Sheet	Labels	Colours
	Flag Dim (mm)	Per Sheet	Per Pack	Per Pack	
PF/3225L*	32 x 25	24	10	240	○
PF/1020L*	10 x 20	75	10	750	○
PF/3020L*	30 x 20	30	10	300	○

* Also available in packs of 100 e.g. PF3225L(100)

For more information and to discuss your needs please contact our sales team on: +44 (0) 1707 37 37 27 or email sales@silverfox.co.uk.



Prolab[®] Equipment Labels

The P/TAG label range is made from durable polyester with a special laser print receptive surface. A strong acrylic adhesive ensures long term bonding.

Typically, they can be used for equipment/data outlets/patch panels etc.

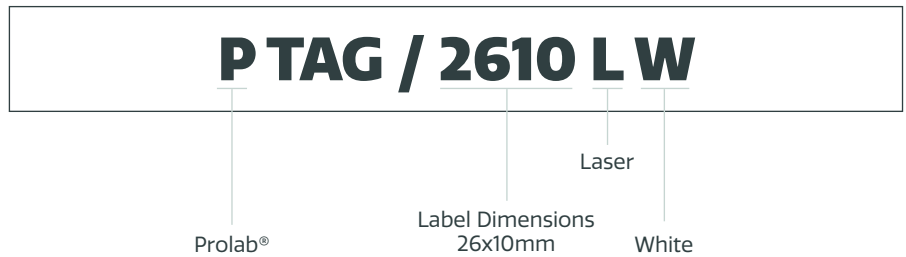
Print via ordinary office laser printer using the Labacus[®] Innovator software.

The P/TAG/A4L and the P/TAG/29730L labels can be used to identify cabinets and also the panel designations within each cabinet.

Also consider colour blocking label background on white labels using the Advanced/Professional software and a colour laser printer.

TECHNICAL DATA

Material:	Self-adhesive Polyester
Thickness:	50 micron
RoHS:	Yes
Reach:	Yes



TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 3000 hrs	✓
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Product Code	(mm) Label Dimensions	Label Per Sheet	Sheet Per Pack	Labels Per Pack	Colours**
P/TAG/1212L*	12 x 12	320	10	3200	○
P/TAG/1438L*	14 x 38	84	10	840	○
P/TAG/1506L*	15 x 6	504	10	5040	○
P/TAG/1512L*	15 x 12	240	10	2400	○
P/TAG/1608L*	16 x 8	360	10	3600	○
P/TAG/1709L*	17 x 9	308	10	3080	○
P/TAG/2008L*	20 x 8	270	10	2700	○
P/TAG/2207L*	22 x 7	288	10	2880	○
P/TAG/2412L*	24 x 12	160	10	1600	○
P/TAG/2610L*	26 x 10	161	10	1610	○
P/TAG/3007L*	30 x 7	210	10	2100	○
P/TAG/3030L*	30 x 30	40	10	400	○
P/TAG/3318L*	33 x 18	65	10	650	○
P/TAG/3812L*	38 x 12	100	10	1000	○
P/TAG/4809L*	48 x 9	112	10	1120	○
P/TAG/5522L*	55 x 22	33	10	330	○
P/TAG/6036L*	60 x 36	21	10	210	○
P/TAG/29730L*	297 x 30	7	10	70	○
P/TAG/A5L*	210 x 148.5	2	10	20	○
P/TAG/A4L*	297 x 210	1	10	10	○

* Also available in packs of 100 e.g. P/TAG/1506L(100)

** Also available in ● ● ● ● ● ● ● ● specify colour e.g. P/TAG/1212LW

- or use the colour functionality in Advanced/Professional and a colour laser printer



Prolab[®] Patch Panel Labels

The PATCH ranges are made from durable polyester with a special laser print receptive surface. A strong acrylic adhesive ensures long term bonding.

Supplied on an A4 sheet these labels are typically used for equipment/data outlets/patch panels etc.

Print via ordinary office laser printer using the Labacus[®] Innovator software.

Also consider colour blocking label background on white labels using Advanced/Professional software and colour laser printer.

TECHNICAL DATA

Material:	Self-adhesive Polyester
Thickness:	50 micron
RoHS:	Yes
Reach:	Yes

TESTING	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 3000 hrs	✓
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C to 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Product Code	(mm) Label Dimensions	Label Per Sheet	Sheet Per Pack	Labels Per Pack	Colours**
PATCH 4L*	220 x 9	20	10 sheets	200	○
PATCH 6L*	126 x 9	40	10 sheets	400	○
PATCH 8L*	146.5 x 10	24	10 sheets	240	○
PATCH 10L*	253 x 7	22	10 sheets	220	○
PUL7L*	180 x 7	36	10 sheets	360	○
PUL8L*	180 x 8	30	10 sheets	300	○
PUL10L*	182 x 10	24	10 sheets	240	○
PUL12L*	192 x 12	20	10 sheets	200	○

Silver Fox Fact

Labacus[®] software pre-loaded with the templates for all major manufacturers patch panels launched.

First company to offer labelling software with pre-built templates for all the major manufacturers of patch panels in conjunction with purpose made labels.

1995

* Also available in packs of 100 e.g. PATCH 8L(100)

** Also available in specify colour e.g. PATCH 8LW



Prolab® Wiring/ Connector Block Labels

These Prolab® card labels are specifically designed for labelling Krone blocks. They are made from a good quality card.

Supplied on an A4 sheet and printed via an ordinary office printer using the Labacus® Innovator software.

Consider font/background colour options included in the Advanced and Professional levels of Labacus® Innovator software in conjunction with a colour laser or inkjet printer.

TECHNICAL DATA

Material:	Non adhesive card
Thickness:	180g/sm ²
RoHS:	Yes
Reach:	Yes

Silver Fox Fact

Automated Krone Block Labelling Introduced.

First company to introduce automated pre-perforated sheets for labelling Krone Blocks tied into a template in our labelling software.

1994



Product Code	Label Dimensions (mm)	Label Per Sheet	Sheet Per Pack	Labels Per Pack	Colours
PATCH 7LI*	104 x 11.5	24	10	240	○

* Also available in packs of 100 e.g. PATCH 7LI(100)

Endurance® Pipeline ID Tape

External

Silver Fox Endurance® External Pipeline ID Tape is made for demanding environments.

Longer life means lower maintenance costs. Typically this solution would be used in the oil and gas industry to identify process pipes both on and offshore, or other critical applications.

COLOURS

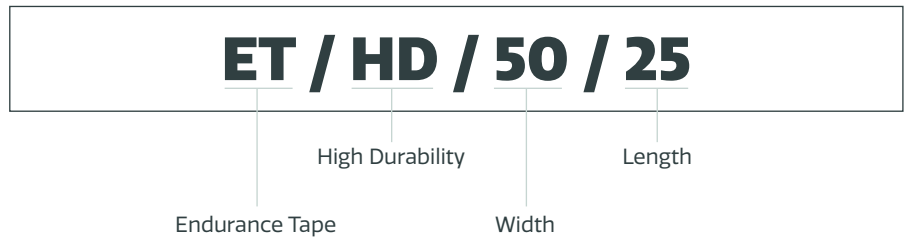
Colours & markings used are taken from the BS 1710 (BS 4800 colours), ISO 14726 standards, and the ASME (ANSI) A13.1 2007 North American Pipe Marking Standard. We can also match your RAL/Pantone colour specifications along with any service message/arrows you require.

PRINTING

Produced bespoke in our factory to your exact requirements.

TECHNICAL DATA

Material:	Self-adhesive Polyester
Thickness:	50 micron
RoHS:	Yes
Reach:	Yes



TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 6500 hrs	✓
Elevated Temperature*	MIL-STD-202G Method 108A - 2000 hrs @ 70°C - 100°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

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



Thermal Endurance® Tape also available

Product Code	Width** (mm)	Length (m)	Rolls Per Pack*
ET/HD/50/25	50	25	1 roll
ET/HD/50/50	50	20	1 roll
ET/HD/100/25	100	25	1 roll
ET/HD/100/50	100	20	1 roll
ET/HD/150/25	150	25	1 roll
ET/HD/150/50	150	50	1 roll

* Minimum order quantities apply, please inquire

** Other sizes available on request

Endurance® Pipeline ID Tape

Internal

We can also produce Silver Fox Endurance® Internal Pipeline ID Tape, which is made for general commercial applications for internal use.

This can be produced in the same Colours & Markings as our External Pipeline ID Tape and is available in a variety of widths and lengths.

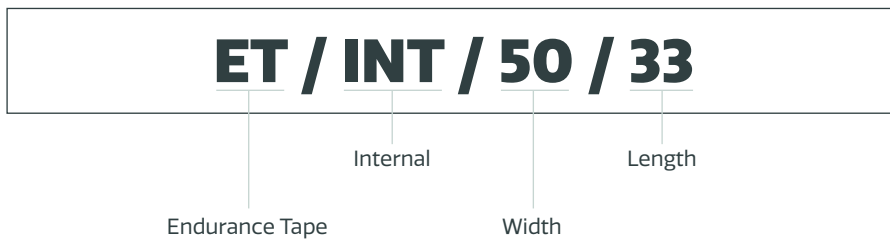
TECHNICAL DATA

Material:	Self-adhesive PVC
RoHS:	Yes
Reach:	Yes

PRINTING

Produced bespoke in our factory to your exact requirements.

For more information and to discuss your needs please contact our sales team on: +44 (0) 1707 37 37 27 or email sales@silverfox.co.uk.



Thermal Endurance® Tape also available in solid colour

Product Code	Width** (mm)	Length (m)	Rolls Per Pack*
ET/INT/50/33	50	33	1 roll
ET/INT/100/33	100	33	1 roll
ET/INT/150/33	150	33	1 roll

* Minimum order quantity 6 rolls.

**Other sizes available on request

Print Warning tape with the Fox-in-a-Box®

For quick and simple messages you might also consider printing your own tape via the Fox-in-a-Box® and rolls of Endurance® High Performance Tape - See page 23

Endurance® Modular Identification System

Endurance® Modular is made-up from two elements; durable 1 metre length black plastic rails, (cut by the user to the required length) and separate black on yellow characters which slide into the rail to complete the ID.

In particular, the 17mm size characters are raised for easy reading and better performance in conditions of dirt/grime. The black rail has slots/holes for suitable attachment to equipment.

Rails can also be supplied with a strong self-adhesive foam backing. Make-up on-site or Pre-prepared to your exact needs in our factory – delivered to site, ready to fit.

COLOURS

Black on Yellow/Black on White

TESTING

Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 8000 hrs	✓
Elevated Temperature	MIL-STD-202G Method 108A - 1000 hrs @ 85°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓



Silver Fox Fact

1999

Independent Testing of Endurance Pipeline ID tape.

First company to test pipeline ID tape according to SAE J1960.

Endurance® Laser Engraved -

Stainless Steel

Our stainless steel engraved labels are ideal for all applications.

They are produced in our factory to your exact requirements, we can produce them with whatever information is required, in one or more lines and with different font styles/sizes (even on the same label). There are various sizes available.

Generally black on metal background. Other text colour text options are also available.



Acrylic

Endurance® Acrylic Laser Engraved labels are an extremely durable factory produced label.

Our Endurance laser engraved labels are bespoke to your exact requirements. We can produce them with whatever information is required, in one or more lines and with different font styles/sizes (even on the same label). There are 2 thicknesses available; 0.5mm and 1.6mm in a range of colour options depending on the thickness.



Test	Method	Results
UV Weathering	ISO 4982 Part 3 Method A Cycle 1 - 8000 hrs	✓
Elevated Temperature	In-House Testing - 1000 hrs @ 70°C	✓
Low Temperature	MIL-STD-810F Method 502.4 - 72 hrs @ -40°C	✓
H2S Sour Gas	Exposure (2% H2S)	✓
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)	✓

Traffolyte

Silver Fox Endurance® Traffolyte labels offer a traditional format for engraved labels.

Although not LSZH, Traffolyte material is accepted for use on London Underground.

Produced in our factory to your exact requirements.



Product Testing

Product Description	Material	Material Thickness	Independent Testing					
			IMO FTPC Part 2 - Smoke and Toxicity Test	IMO FTPC Part 5 - Surface Spread of Flames	BS 6853:1999 Annex B.1 Toxic Fume Test	BS 6853:1999 Annex D.8.3 Smoke Density	BS EN ISO 4589-2:1999 Oxygen Index	UL 94 Section 8 'Vertical Burning Test'
Fox-Flo® LSZH Tie-on	Fox-Flo®	1mm	●	●	●	●	●	●
Fox® Tie-on	PVC	1mm	-	-	-	-	-	-
Legend™ Premium Heatshrink	Polyolefin		-	-	-	-	-	-
Legend™ LSZH Heatshrink	Polyolefin		-	-	-	-	-	-
Legend™ Tie-on Laser	Polyester	175 micron	-	-	-	-	-	-
Legend™ Tie-on Thermal	Polyester	175 micron	-	-	-	-	-	-
Legend™ Non-Shrink	PVC		-	-	-	-	-	-
Legend™ 2-Part Thermal	Polyolefin	80 micron	-	-	-	-	-	-
Legend™ 2-Part Laser	Polyester	175 micron	-	-	-	-	-	-
Legend™ 2-Part Tubing	PVC		-	-	-	-	-	-
Prolab® Asset Labels	Polyester	56 micron	-	-	-	-	-	-
Prolab® Raised Profile	Polycarbonate	0.7mm	-	-	-	-	-	-
Prolab® P/TAG Labels Laser	Polyester	50 micron	-	-	-	-	-	-
Prolab® PATCH Labels	Polyester	50 micron	-	-	-	-	-	-
Prolab® Wiring/Connector Block	Non Adhesive Card	180g/sm ²	-	-	-	-	-	-
Prolab® Wrap-Around Laser	Polyester	25 micron	-	-	-	-	-	-
Prolab® Wrap-Around Thermal	Polyethylene	105 micron	-	-	-	-	-	-
Prolab® Fibre Optic Flag	Polyester	36 micron	-	-	-	-	-	-
Endurance® Valve Tags	PVC	1mm	-	-	-	-	-	-
Endurance® Warning Tape	PVC	60 micron	-	-	-	-	-	-
Endurance® Metal Engraved Tags			-	-	-	-	-	-
Endurance® Laser Engraved	Acrylic		-	-	-	-	-	-
Endurance® Traffolyte	High Pressure Plastic Laminate		-	-	-	-	-	-
Endurance® Stainless Steel Engraved	Stainless Steel		-	-	-	-	-	-
Endurance® Stainless Steel Etched	Stainless Steel		-	-	-	-	-	-
Endurance® Pipe ID Tape Ext	Polyester	50 micron	-	-	-	-	-	-
Endurance® Pipe ID Tape Int	PVC		-	-	-	-	-	-
Endurance® Modular ID			-	-	-	-	-	-
Warning labels	Polycarbonate Film		-	-	-	-	-	-
Legend Pre-print Heatshrink Markers	Polyolefin		-	-	-	-	-	-

The use and application of the Goods is entirely at the Buyer's risk. It is the responsibility of the Buyer to satisfy themselves that the Goods are suitable for the Buyer's intended purpose. Although every care has been taken compiling the information in this brochure, errors and omissions may occur. Please check the Silver Fox website for current information and our full terms and conditions.

	Approvals			In-house Testing				Independent Testing					
Network Rail Approved	●	-	-	●	-	-	-	-	-	-	-	-	-
London Underground Approved	●	-	-	●	-	-	-	-	-	-	-	-	-
REACH Compliant	●	●	●	●	●	●	●	●	●	●	●	●	●
ROHS Compliant (EU 2002/95/EC)	●	●	●	●	●	●	●	●	●	●	●	●	●
Low Temperature -18°C 1000 Hours	-	●	-	-	●	-	-	-	-	-	-	-	-
High Temperature 70°C 1000 Hours	-	-	●	-	-	-	-	-	-	-	-	-	-
Chemical/Solvent Resistance Test	●	-	-	●	-	-	-	-	-	-	-	-	-
MIL-STD-810F-Method 502.4- Low Temperature	-	-	-	-	●	-	-	-	-	-	-	-	-
MIL-STD-202G Method 108A- Elevated Temperature	●	-	-	●	-	-	-	-	-	-	-	-	-
MIL-STD-202G-Method 106G - Moisture Resistance	-	-	-	-	●	-	-	-	-	-	-	-	-
MIL-STD-202-215 Method Resistance To Chemicals	-	-	-	-	●	-	-	-	-	-	-	-	-
EC600068-2-52 Test Kb Salt Mist (Cyclic)	●	-	-	●	-	-	-	-	-	-	-	-	-
H2S Sour Gas Exposure (2% H2S)	●	-	-	●	-	-	-	-	-	-	-	-	-
UV-Weathering -ISO-4982 Part 3 Method A Cycle 1	-	-	-	-	●	-	-	-	-	-	-	-	-



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*The following are registered Trade Marks of Silver Fox Limited:
Silver Fox®, Labacus®, Fox-in-a-Box®, Fox-Flo®, Fox®, Prolab®, Endurance®, Legend™,
Tip-Time into Profit® & Make Labelling your signature for quality and reliability®
Farnell® & CommScope® are TradeMarks of Farnell and CommScope respectively*