

CABLE IDENTIFICATION SYSTEM & ACCESSORIES



Tab 6



SILVER FOX LABELS SOLUTION

SILVER FOX - Fox-in-a-Box® Thermal Printer Kits

ITEM CODE	PRODUCT DETAILS
DSSB-CIA-BASIC-FIAB	BASIC FOX-IN-A-BOX
DSSB-CIA-ADV-FIAB	ADVANCE FOX-IN-A-BOX
DSSB-CIA-PROS-FIAB	PROFESSIONAL FOX-IN-A-BOX



BASIC FOX-IN-A-BOX®

Entry Level starter pack with Labacus® Innovator Basic software to print all our thermal range, the software also includes templates for all our laser range

Highlights-

Cut and paste from spreadsheets straight into the software
Automated USB port identification
Seamlessly change between label types

ADVANCED FOX-IN-A-BOX®

Mid-range labelling pack includes Labacus® Innovator Advanced Software.

All functionality of the Basic plus:

Highlights-

From CSV Spreadsheet – Import single columns/merge multiple columns
Multiple line labels
Choose your own font size
Print 2 rolls of heat-shrink/non-shrink at same time

PROFESSIONAL FOX-IN-A-BOX®

Top end solution includes Labacus® Innovator Professional Software.

All functionality of the Advanced plus:

Highlights-

Full spreadsheet view/import
Select specific cells
Produce cross ferrules
Variable quantity duplication for each cable ID
Bar Codes and QR Codes
Import graphics onto labels
Special Professional satellite



LEGEND™ LHLZ/C Low-Smoke Zero Halogen Heatshrink

Item Code	Cable ODØ Exp. (mm)	Cable ODØ rec. (mm)	Roll Length (m)	Pack Qty	Total Pack Length (m)	Colour		
DSSB-CIA-LHLZ/C/R/2.4-1.2T(PF)Y	2.4	1.3	16	8 rolls	128	Yellow		
DSSB-CIA-LHLZ/C/R/2.4-1.2T(PF)W						White		
DSSB-CIA-LHLZ/C/R/3.2-1.6T(PF)Y	3.2	1.7				6 rolls	96	Yellow
DSSB-CIA-LHLZ/C/R/3.2-1.6T(PF)W								White
DSSB-CIA-LHLZ/C/R/4.8-2.4T(PF)Y	4.8	2.5		4 rolls	56	Yellow		
DSSB-CIA-LHLZ/C/R/4.8-2.4T(PF)W						White		
DSSB-CIA-LHLZ/C/R/6.4-3.2T(PF)Y	6.4	3.3				14	36	Yellow
DSSB-CIA-LHLZ/C/R/6.4-3.2T(PF)W								White
DSSB-CIA-LHLZ/C/R/9.5-4.8T(PF)Y	9.5	4.9	12	24	Yellow			
DSSB-CIA-LHLZ/C/R/9.5-4.8T(PF)W					White			
DSSB-CIA-LHLZ/C/R/12.7-6.4T(PF)Y	12.7	6.5	11	11	Yellow			
DSSB-CIA-LHLZ/C/R/12.7-6.4T(PF)W					White			
DSSB-CIA-LHLZ/C/R/19.1-9.5T(PF)Y	19.1	9.6	11	11	Yellow			
DSSB-CIA-LHLZ/C/R/19.1-9.5T(PF)W					White			
DSSB-CIA-LHLZ/C/R/25.4-12.7T(PF)Y	25.4	12.8	11	11	Yellow			
DSSB-CIA-LHLZ/C/R/25.4-12.7T(PF)W					White			
DSSB-CIA-LHLZ/C/R/38.1-19.1T(PF)Y	38.1	19.2	11	11	Yellow			
DSSB-CIA-LHLZ/C/R/38.1-19.1T(PF)W					White			

Technical Data

Printing Method: Silver Fox DTP-1/3-- Thermal Printer

Thermal Ribbon: Silver Fox TSR3/300/600

Material: Polyolefin

Shrink Ratio: 2:1

Min Shrink Temp: 115°C (full recovery)

Operating Temp: -40°C up to 105°C

Dielectric Strength: ≥20kV/mm

RoHS: Yes



Test	Method
Flame Retardant	UL224
Fire Testing of Materials and Component for Trains - Oxygen Index & Flue Gas Density	EN 45545-2

Legend™ LSZH Ladder Heatshrink

Item Code	Cable ODØ Exp. (mm)	Cable ODØ rec. (mm)	Labels Per Roll	Pack Qty	Colour
DSSB-CIA-LHLZ/C/L50/2.4-1.2T(PF)Y	2.4	1.2	1500	1 roll	Yellow
DSSB-CIA-LHLZ/C/L50/2.4-1.2T(PF)W					White
DSSB-CIA-LHLZ/C/L50/3.2-1.6T(PF)Y	3.2	1.6	1000		Yellow
DSSB-CIA-LHLZ/C/L50/3.2-1.6T(PF)W					White
DSSB-CIA-LHLZ/C/L50/4.8-2.4T(PF)Y	4.8	2.4			Yellow
DSSB-CIA-LHLZ/C/L50/4.8-2.4T(PF)W					White
DSSB-CIA-LHLZ/C/L50/6.4-3.2T(PF)Y	6.4	3.2			Yellow
DSSB-CIA-LHLZ/C/L50/6.4-3.2T(PF)W					White
DSSB-CIA-LHLZ/C/L50/9.5-4.8T(PF)Y	9.5	4.8	500		Yellow
DSSB-CIA-LHLZ/C/L50/9.5-4.8T(PF)W			White		
DSSB-CIA-LHLZ/C/L50/12.7-6.4T(PF)Y	12.7	6.4	2500		Yellow
DSSB-CIA-LHLZ/C/L50/12.7-6.4T(PF)W					White
DSSB-CIA-LHLZ/C/L50/19.1-9.5T(PF)Y	19.1	9.5			Yellow
DSSB-CIA-LHLZ/C/L50/19.1-9.5T(PF)W					White
DSSB-CIA-LHLZ/C/L50/25.4-12.7T(PF)Y	25.4	12.7			Yellow
DSSB-CIA-LHLZ/C/L50/25.4-12.7T(PF)W					White
DSSB-CIA-LHLZ/C/L50/38.1-19.1T(PF)Y	38.1	19.1	Yellow		
DSSB-CIA-LHLZ/C/L50/38.1-19.1T(PF)W			White		

Technical Data

Material: Polyolefin

RoHS: Yes

Test	Method
Flame Retardant	UL224
Fire Testing of Materials and Components for Trains - Oxygen Index & Flue Gas Density	EN 45545-2



LEGEND™ LHS Premium Heatshrink

Item Code	Cable ODØ Exp. (mm)	Cable ODØ rec. (mm)	Roll Length (m)	Pack Qty	Total Pack Length (m)	Colour
DSSB-CIA-LHS/R/3-1T(PF)Y	3	1	22	8 rolls	176	Yellow
DSSB-CIA-LHS/R/3-1T(PF)W						White
DSSB-CIA-LHS/R/4.8-1.6T(PF)Y	4.8	1.6		6 rolls	132	Yellow
DSSB-CIA-LHS/R/4.8-1.6T(PF)W						White
DSSB-CIA-LHS/R/6-2T(PF)Y	6	2		4 rolls	72	Yellow
DSSB-CIA-LHS/R/6-2T(PF)W						White
DSSB-CIA-LHS/R/12-4T(PF)Y	12	4	2 rolls	26	Yellow	
DSSB-CIA-LHS/R/12-4T(PF)W					White	
DSSB-CIA-LHS/R/24-8T(PF)Y	24	8	1 roll	10	Yellow	
DSSB-CIA-LHS/R/24-8T(PF)W					White	
DSSB-CIA-LHS/R/39-13T(PF)Y	39	13	10	10	Yellow	
DSSB-CIA-LHS/R/39-13T(PF)W					White	

Technical Data

Printing Method: Silver Fox DTP-1 Thermal Printer

Thermal Ribbon: Silver Fox TSR3

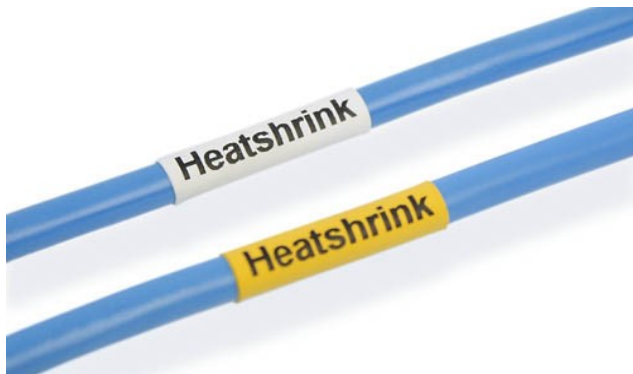
Material: Polyolefin

Shrink Ration: 3:1

Min Shrink Temp: 90°C (full recovery)

Dielectric Strength: ≥37kV/mm

RoHS: Yes



Test	Method
Low Temperature Test	MIL-STD-810F Method 502.4
Elevated Temperature Test	MIL-STD-202G Method 108A
Hydrogen Sulphide Test	H2S Sour Gas Exposure (2% H2S)
UV Weathering Test	ISO 4982 Part 3 Method A Cycle 1
Salt Mist Spray Test	IEC60068-2-52 Test Kb Salt Mist (Cyclic)
Moisture Resistance Test	MIL-STD-202G Method 106G
Chemical/Solvent Resistance Test	Multiple Testing (Contact For Test List)

Legend™ LHS Premium Ladder Heatshrink

Item Code	Cable ODØ Exp. (mm)	Cable ODØ rec. (mm)	Labels Per Roll	Pack Qty	Colour
DSSB-CIA-LHS/L50/3-1T(PF)Y	3	1	1000	1 roll	Yellow
DSSB-CIA-LHS/L50/3-1T(PF)W					White
DSSB-CIA-LHS/L50/4.8-1.6T(PF)Y	4.8	1.6			Yellow
DSSB-CIA-LHS/L50/4.8-1.6T(PF)W					White
DSSB-CIA-LHS/L50/6-2T(PF)Y	6	2			Yellow
DSSB-CIA-LHS/L50/6-2T(PF)W					White
DSSB-CIA-LHS/L50/12-4T(PF)Y	12	4	500		Yellow
DSSB-CIA-LHS/L50/12-4T(PF)W			White		
DSSB-CIA-LHS/L50/24-8T(PF)Y	14	8	250		Yellow
DSSB-CIA-LHS/L50/24-8T(PF)W					White
DSSB-CIA-LHS/L50/39-13T(PF)Y	39	13			Yellow
DSSB-CIA-LHS/L50/39-13T(PF)W					White

Technical Data

Material: Polyolefin

RoHS: Yes

Printing Method: Thermal Printing



Test	Method
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°
H2S Sour Gas	Exposure (2% H2S).
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)

Legend™ LNST Non-shrink Tubing

Item Code	Cable ODØ rec. (mm)	Roll Length (m)	Total Pack Length (m)	Pack Qty	Colour
DSSB-CIA-LNST2-1(150)TY	1-2	150	300	2 rolls	Yellow
DSSB-CIA-LNST2-1(150)TW					White
DSSB-CIA-LNST3-1(100)TY	1-3	100	200		Yellow
DSSB-CIA-LNST3-1(100)TW					White
DSSB-CIA-LNST4-2(75)TY	2-4	75	150		Yellow
DSSB-CIA-LNST4-2(75)TW					White
DSSB-CIA-LNST5-3(50)TY	3-5	50	100		Yellow
DSSB-CIA-LNST5-3(50)TW					White
DSSB-CIA-LNST6-4(30)TY	4-6	30	60		Yellow
DSSB-CIA-LNST6-4(30)TW					White

Technical Data

Material: PVC

RoHS: Yes

Printing Method: Thermal Printing



Test	Method
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°
H2S Sour Gas	Exposure (2% H2S)
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)

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

Item Code	Label Dimensions (mm)	Labels Per Roll	Rolls Per Pack	Labels Per Pack	Colours
DSSB-CIA-LCLZ2-5010TY	50 x 10	750	3	2250	Yellow
DSSB-CIA-LCLZ2-5010TW					White
DSSB-CIA-LCLZ2-5010TYG					Yellow & Green
DSSB-CIA-LCLZ2-7010TY	70 x 10	550	3	1650	Yellow
DSSB-CIA-LCLZ2-7010TW					White
DSSB-CIA-LCLZ2-7010TYG					Yellow & Green
DSSB-CIA-LCLZ1-5015TY	50 x 15	160	5	800	Yellow
DSSB-CIA-LCLZ1-5015TW					White
DSSB-CIA-LCLZ1-5015TYG					Yellow & Green
DSSB-CIA-LCLZ1-5015TB					Blue
DSSB-CIA-LCLZ1-5015TR					Red
DSSB-CIA-LCLZ1-5015TO					Orange
DSSB-CIA-LCLZ1-5015TP					Pink
DSSB-CIA-LCLZ3-5010TY	50 x 15	480	2	960	Yellow
DSSB-CIA-LCLZ3-5010TW					White
DSSB-CIA-LCLZ1-7015TY	70 x 15	150	5	750	Yellow
DSSB-CIA-LCLZ1-7015TW					White
DSSB-CIA-LCLZ1-7015TYG					Yellow & Green
DSSB-CIA-LCLZ1-7015TB					Blue
DSSB-CIA-LCLZ1-7015TR					Red
DSSB-CIA-LCLZ1-7015TO					Orange
DSSB-CIA-LCLZ1-7015TP					Pink
DSSB-CIA-LCLZ3-7015TY	70 x 15	450	2	900	Yellow
DSSB-CIA-LCLZ3-7015TW					White
DSSB-CIA-LCLZ1-9015TY	90 x 15	140	5	700	Yellow
DSSB-CIA-LCLZ1-9015TW					White
DSSB-CIA-LCLZ1-9015TYG					Yellow & Green
DSSB-CIA-LCLZ1-9015TB					Blue
DSSB-CIA-LCLZ1-9015TR					Red
DSSB-CIA-LCLZ1-9015TO					Orange
DSSB-CIA-LCLZ1-9015TP					Pink
DSSB-CIA-LCLZ3-9015TY	90 x 15	420	2	840	Yellow
DSSB-CIA-LCLZ3-9015TW					White

Technical Data

Material: Fox-Flo®

Thickness: 1mm

RoHS: Yes

Printing Method: Thermal Printing



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

Item Code	Label Dimensions (mm)	Labels Per Roll	Rolls Per Pack	Labels Per Pack	Colours
DSSB-CIA-LCLZ1-11015TY	110 x 15	120	5	600	Yellow
DSSB-CIA-LCLZ1-11015TW					White
DSSB-CIA-LCLZ1-11015TYG					Yellow & Green
DSSB-CIA-LCLZ1-11015TB					Blue
DSSB-CIA-LCLZ1-11015TR					Red
DSSB-CIA-LCLZ1-11015TO					Orange
DSSB-CIA-LCLZ1-11015TP					Pink
DSSB-CIA-LCLZ3-11015TY	110 x 15	360	2	720	Yellow
DSSB-CIA-LCLZ3-11015TW					White
DSSB-CIA-LCLZ1-5025TY	50 x 25	160	3	480	Yellow
DSSB-CIA-LCLZ1-5025TW					White
DSSB-CIA-LCLZ1-5025TYG					Yellow & Green
DSSB-CIA-LCLZ1-5025TB					Blue
DSSB-CIA-LCLZ1-5025TR					Red
DSSB-CIA-LCLZ1-7025TY	70 x 25	150	3	450	Yellow
DSSB-CIA-LCLZ1-7025TW					White
DSSB-CIA-LCLZ1-7025TYG					Yellow & Green
DSSB-CIA-LCLZ1-7025TB					Blue
DSSB-CIA-LCLZ1-7025TR					Red
DSSB-CIA-LCLZ1-9025TY	90 x 25	140	3	420	Yellow
DSSB-CIA-LCLZ1-9025TW					White
DSSB-CIA-LCLZ1-9025TYG					Yellow & Green
DSSB-CIA-LCLZ1-9025TB					Blue
DSSB-CIA-LCLZ1-9025TR					Red
DSSB-CIA-LCLZ1-11025TY	110 x 25	120	3	360	Yellow
DSSB-CIA-LCLZ1-11025TW					White
DSSB-CIA-LCLZ1-11025TYG					Yellow & Green
DSSB-CIA-LCLZ1-11025TB					Blue
DSSB-CIA-LCLZ1-11025TR					Red
DSSB-CIA-LCLZ1-7050TY	70 x 50	150	2	300	Yellow
DSSB-CIA-LCLZ1-7050TW					White
DSSB-CIA-LCLZ1-9050TY	90x 50	140	2	280	Yellow
DSSB-CIA-LCLZ1-9050TW					White
DSSB-CIA-LCLZ1-11050TY	110 x 50	120	2	240	Yellow
DSSB-CIA-LCLZ1-11050TW					White
DSSB-CIA-LCLZ1-13050TY	130 x 50	100	2	200	Yellow
DSSB-CIA-LCLZ1-13050TW					White

Technical Data

Material: Fox-Flo®

Thickness: 1mm

RoHS: Yes

Printing Method: Thermal Printing



Fox® Tie On Cable Labels

Item Code	Label Dimension (mm)	Labels Per Roll	Rolls Per Pack	Labels Per Pack	Colours
DSSB-CIA-LCP1-6015TW	60 x 15	150	5	750	White
DSSB-CIA-LCP1-6015TY					Yellow
DSSB-CIA-LCP1-8015TW	80 x 15	140		700	White
DSSB-CIA-LCP1-8015TY					Yellow
DSSB-CIA-LCP1-10015TW	100 x 15	120		600	White
DSSB-CIA-LCP1-10015TY					Yellow
DSSB-CIA-LCP1-6025TW	60 x 25	150	3	450	White
DSSB-CIA-LCP1-6025TY					Yellow
DSSB-CIA-LCP1-8025TW	80 x 25	140		420	White
DSSB-CIA-LCP1-8025TY					Yellow
DSSB-CIA-LCP1-10025TW	100 x 25	120		360	White
DSSB-CIA-LCP1-10025TY					Yellow

Technical Data

Material: PVC
 Thickness: 1mm
 RoHS: Yes
 Printing Method: Thermal Printing



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

Legend™ Tie On Cable Labels (Thermal Printing)

Item Code	Label Dimension (mm)	Labels Per Roll	Rolls Per Pack	Labels Per Pack	Colours
DSSB-CIA-LM9013TY	90 x 13	3000	1	3000	Yellow

Technical Data

Material: Polyester
 Thickness: 175 micron
 RoHS: Yes
 Printing Method: Thermal Printing



Test	Method
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°
H2S Sour Gas	Exposure (2% H2S)
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)

Legend™ Tie On Cable Labels (Laser Printing)



Technical Data

Material: Polyester

Thickness: 175 micron

RoHS: Yes

Printing Method: Laser Printing

Item Code	Label Dimension (mm)	Labels Per Sheet	Sheet Per Pack	Labels Per Pack	Colours
DSSB-CIA-LS6013L-W	60 x 13	60	10	600	White
DSSB-CIA-LS6013L-Y	60 x 13	60	10	600	Yellow
DSSB-CIA-LM9013L-W	90 x 13	40	10	400	White
DSSB-CIA-LM9013L-Y	90 x 13	40	10	400	Yellow
DSSB-CIA-LM9013L-B	90 x 13	40	10	400	Blue
DSSB-CIA-LXL9020L-W	90 x 20	24	10	240	White
DSSB-CIA-LXL9020L-Y	90 x 20	24	10	240	Yellow
DSSB-CIA-LXL9020L-B	90 x 20	24	10	240	Blue
DSSB-CIA-LXL9020L-G	90 x 20	24	10	240	Green
DSSB-CIA-LXL9020L-R	90 x 20	24	10	240	Red
DSSB-CIA-LXL9020L-O	90 x 20	24	10	240	Orange

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°
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

Legend™ 2 Part Labels (Thermal Printing)

Technical Data

Material: Polypropylene
RoHS: Yes



Item Code	Label Dimension (mm)	Labels Per Roll	Rolls Per Pack	Colours
DSSB-CIA-2PL-L6/20T	20 x 5	5000	1 roll	White
DSSB-CIA-2PL-L6/30T	30 x 5	5000	1 roll	White
DSSB-CIA-2PL-L6/50T	50 x 5	5000	1 roll	White

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°
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

Legend™ 2 Part Labels (Laser Printing)

Technical Data

Material: Polyester
Thickness: 175 micron
RoHS: Yes



Item Code	Label Dimension (mm)	Labels Per Sheet	Sheet Per Pack	Labels Per Pack	Colours
DSSB-CIA-2PL-L75/20T*	20 x 5	75	10	750	White
DSSB-CIA-2PL-L45/30T*	30 x 5	45	10	450	White
DSSB-CIA-2PL-L38/50T*	50 x 5	38	10	380	White

* Also available in pack of 100 e.g. DSSB-CIA-2PL-L75/20L(100)

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°
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

Prolab® Wrap Around Labels (Thermal Printing)

Item Code	Cable OD Ø (mm)	Printable Area (mm)	Labels per Roll	Unit Quantity	Colours
DSSB-CIA-PSA1/07/2512T	5 - 7	25 x 12	5000	1 Roll	White
DSSB-CIA-PSA1/08/2519T-W	5 - 8	25 x 19	5000	1 Roll	White
DSSB-CIA-PSA1/08/2519T-Y	5 - 8	25 x 19	5000	1 Roll	Yellow
DSSB-CIA-PSA1/08/2519T-R	5 - 8	25 x 19	5000	1 Roll	Red
DSSB-CIA-PSA1/08/2519T-B	5 - 8	25 x 19	5000	1 Roll	Blue
DSSB-CIA-PSA1/08/2524T	5 - 8	25 x 24	5000	1 Roll	White

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°
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

Technical Data

Material: Polyethylene
Thickness: 105 micron
RoHS: Yes



Prolab® Wrap Around Labels (Laser Printing)

Item Code	Cable OD Ø (mm)	Printable Area (mm)	Labels Per Sheet	Sheet Per Pack	Labels Per Pack	Colours
DSSB-CIA-P05/2508L	5	25 x 8	80	10	800	White
DSSB-CIA-P06/2519L	5 - 6	25 x 19	48	10	480	White
DSSB-CIA-P08/1212L	5 - 8	12 x 12	90	10	900	White
DSSB-CIA-P08/2512L	5 - 8	25 x 12	48	10	480	White
DSSB-CIA-P08/5012L	5 - 8	50 x 12	24	10	240	White
DSSB-CIA-P13/2520L	5 - 13	25 x 20	32	10	320	White
DSSB-CIA-P13/5020L	5 - 13	50 x 20	16	10	160	White
DSSB-CIA-P17/2525L	8 - 17	25 x 25	24	10	240	White
DSSB-CIA-P20/2520L	10 - 20	25 x 20	24	10	240	White
DSSB-CIA-P20/5020L	10 - 20	50 x 20	12	10	120	White
DSSB-CIA-P36/2515L	36	25 x 15	16	10	160	White

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°
H2S Sour Gas	Exposure (2% H2S)
Salt Mist Spray	EC60068-2-52 Test Kb Salt Mist (Cyclic)

Technical Data

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



Prolab® Optical Fibre Flag Labels

Technical Data

Material: Self-adhesive Polyester
 Thickness: 36 micron
 RoHS: Yes
 Printing Method: Laser Printing



Item Code	Folded Flag Dim (mm)	Labels Per Sheet	Sheet Per Pack	Labels Per Pack	Colours
DSSB-CIA-PF3225L*	32 x 25	24	10	240	White
DSSB-CIA-PF/1020L*	10 x 20	75	10	750	White
DSSB-CIA-PF/3020L*	30 x 20	30	10	300	White

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°
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

Prolab® Equipment Labels (P-Tag Labels)

Item Code	Label Dimensions (mm)	Label Per Sheet	Sheet Per Pack	Labels Per Pack
DSSB-CIA-P/TAG/1212L*	12 x 12	320	10	3200
DSSB-CIA-P/TAG/1438L*	14 x 38	84	10	840
DSSB-CIA-P/TAG/1506L*	15 x 6	504	10	5040
DSSB-CIA-P/TAG/1512L*	15 x 12	240	10	2040
DSSB-CIA-P/TAG/1608L*	16 x 8	360	10	3600
DSSB-CIA-P/TAG/1709L*	17 x 9	308	10	3080
DSSB-CIA-P/TAG/2008L*	20 x 8	270	10	2700
DSSB-CIA-P/TAG/2207L*	22 x 7	288	10	2880
DSSB-CIA-P/TAG/2412L*	24 x 12	160	10	1600
DSSB-CIA-P/TAG/2610L*	26 x 10	161	10	1610
DSSB-CIA-P/TAG/3007L*	30 x 7	210	10	2010
DSSB-CIA-P/TAG/3030L*	30 x 30	40	10	4010
DSSB-CIA-P/TAG/3318L*	33 x 18	65	10	6500
DSSB-CIA-P/TAG/3812L*	38 x 12	100	10	1000
DSSB-CIA-P/TAG/4809L*	48 x 9	112	10	1120
DSSB-CIA-P/TAG/5522L*	55 x 22	33	10	330
DSSB-CIA-P/TAG/6036L*	60 x 36	21	10	210
DSSB-CIA-P/TAG/29730L*	297 x 30	7	10	70
DSSB-CIA-P/TAG/A5L*	210 x 148.5	2	10	20
DSSB-CIA-P/TAG/A4L*	297 x 210	1	10	10

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



Colour available	Colour Code	Code Example
White	-W	DSSB-CIA-P/TAG/1212L-W
Yellow	-Y	DSSB-CIA-P/TAG/1212L-Y
Blue	-B	DSSB-CIA-P/TAG/1212L-B
Red	-R	DSSB-CIA-P/TAG/1212L-R
Green	-G	DSSB-CIA-P/TAG/1212L-G
Orange	-O	DSSB-CIA-P/TAG/1212L-O
Brown	-Br	DSSB-CIA-P/TAG/1212L-BR
Purple	-P	DSSB-CIA-P/TAG/1212L-P
Grey	-G	DSSB-CIA-P/TAG/1212L-G

- Specify Colour at the end of the Item Code
- Or use the colour functionality in Advanced/Professional and a colour laser printer

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°
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

Prolab® Patch Panel Labels

Technical Data

Material: Self-adhesive Polyester

Printing Method: Laser Printing

Thickness: 50 micron

RoHS: Yes



Item Code	Label Dimensions (mm)	Label Per Sheet	Sheet Per Pack	Labels Per Pack	Colour
DSSB-CIA-PATCH 4L-W	220 x 9	20	10	200	White
DSSB-CIA-PATCH 4L-Y					Yellow
DSSB-CIA-PATCH 4L-B					Blue
DSSB-CIA-PATCH 4L-R					Red
DSSB-CIA-PATCH 4L-G					Green
DSSB-CIA-PATCH 4L-O					Orange
DSSB-CIA-PATCH 4L-BR					Brown
DSSB-CIA-PATCH 4L-P					Purple
DSSB-CIA-PATCH 4L-G					Grey
DSSB-CIA-PATCH 6L-W					126 x 9
DSSB-CIA-PATCH 6L-Y	Yellow				
DSSB-CIA-PATCH 6L-B	Blue				
DSSB-CIA-PATCH 6L-R	Red				
DSSB-CIA-PATCH 6L-G	Green				
DSSB-CIA-PATCH 6L-O	Orange				
DSSB-CIA-PATCH 6L-BR	Brown				
DSSB-CIA-PATCH 6L-P	Purple				
DSSB-CIA-PATCH 6L-G	Grey				
DSSB-CIA-PATCH 8L-W	146.5 x 10	24	10	240	
DSSB-CIA-PATCH 8L-Y					Yellow
DSSB-CIA-PATCH 8L-B					Blue
DSSB-CIA-PATCH 8L-R					Red
DSSB-CIA-PATCH 8L-G					Green
DSSB-CIA-PATCH 8L-O					Orange
DSSB-CIA-PATCH 8L-BR					Brown
DSSB-CIA-PATCH 8L-P					Purple
DSSB-CIA-PATCH 8L-G					Grey

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

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°
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

Endurance® Stainless Steel Tie-on Labels / Engraved Labels

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

Printing Sizes : Factory produced to your exact requirements.

Technical Data :

Material : Type 304 or 316 Stainless Steel

Chemical / UV Resistance : Excellent

Send your enquiry to our sales team on **+603 9286 6328**
or email us at sales@substation.com.my



Endurance® Traffolyte Engraved Labels

Colour Option:

Text Colour	Background Colour
Black	White
White	Black
Black	Yellow
White	Red
Red	White
White	Green
White	Blue

Other Colour available on request



Printing Sizes : Factory produced to your exact requirements.

Technical Data :

Material:	High Pressure Plastic Laminate
Properties:	Odour: Odourless Solubility in Water: Insoluble Solubility in Organic Solvents: Insoluble Solubility in Acids & Alkalis: Insoluble
Reaction:	Air stability: Stable Incompatibility (minerals to avoid): None Hazardous Decomposition Products: None Possible Hazardous Reactions: None Fire Classification: Class 2 according to BS476 Part 7

Send your enquiry to our sales team on **+603 9286 6328**
or email us at sales@substation.com.my



CABLE IDENTIFICATION SYSTEM

CABLE FERRULE

DSSB PA Chevron Cut Wire Markers

- COLOURS: Black on white, black on yellow
- PRINT: Hot-foil stamped
- TEMPERATURE: The shape is permanent between -30°C and +70°C
- STANDARD LEGENDS: 0-9, A-Z, +, -, /, earth, or blank

PROFILE	ITEM CODE	SIZE RANGE	LENGTH	PACKAGING
	DSSB-CIA-CF-PA 2/3	Ø 1.7 -2.8mm	3mm	1000pcs/roll
	DSSB-CIA-CF-PA 1/3	Ø 2.5 -4.4mm	3mm	1000pcs/roll
	DSSB-CIA-CF-PA 2/4	Ø 4.0 -10mm	4mm	250pcs/roll
	DSSB-CIA-CF-PA 3/6	Ø 8.0 -16mm	6mm	100pcs/roll



***available colour: White & Yellow

DSSB PAZ Chevron Cut Wire Markers Fire Retardant

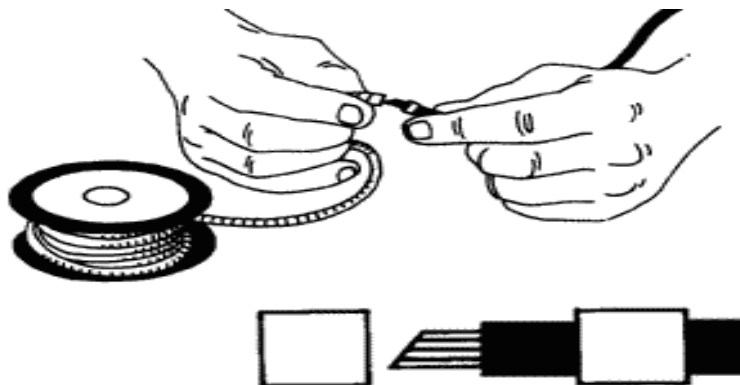
- COLOURS: Black on white or black on yellow.
- PRINT: High resolution etching inkjet.
- TEMPERATURE: The shape is permanent between -30°C and +90°C.
- STANDARD LEGENDS: 0-9, A-Z, +, -, /, earth, or blank

PROFILE	ITEM CODE	SIZE RANGE	LENGTH	PACKAGING
	DSSB-CIA-CF-PAZ 2/3	Ø 1.7 -2.8mm	3mm	500pcs/roll
	DSSB-CIA-CF-PAZ 1/3	Ø 2.5 -4.4mm	3mm	500pcs/roll
	DSSB-CIA-CF-PAZ 2/4	Ø 4.0 -10mm	4mm	250pcs/roll



***available colour: White & Yellow

Application



CABLE MARKER

DSSB PK 2/4 Cable Markers

- **MATERIAL:** Cadmium and silicon free, soft PVC according to special PARTEX formula.
- **COLOURS:** Black on white or black on yellow.
- **PRINT:** Hot stamped
- **TEMPERATURE:** Shape permanence from -30°C to $+60^{\circ}\text{C}$
- **STANDARD LEGENDS:** 0-9, A-Z, +, -, /, earth, or blank

ITEM CODE	WIDTH	LENGTH	PACKAGING
DSSB-CIA-CM-PK2/4Y	11.3	4mm	500pcs/roll
DSSB-CIA-CM-PK2/4W	11.3	4mm	



PKZ 2/6 Cable Markers Fire Retardant

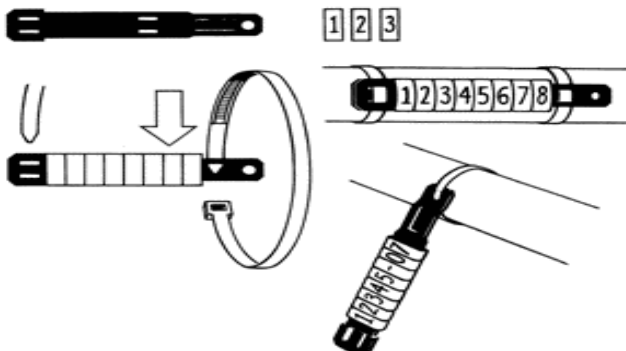
- **MATERIAL:** Zerex, thermoplastic polyether based polurethane mixture. The material is free from halogen, cadmium and silicon.
- **COLOURS:** Black on white or black on yellow.
- **PRINT:** Etching black ink jet with high resolution
- **TEMPERATURE:** Shape permanence from -30°C to $+90^{\circ}\text{C}$
- **STANDARD LEGENDS:** 0-9, A-Z, +, -, /, earth, or blank

ITEM CODE	WIDTH	LENGTH	PACKAGING
DSSB-IS-PKZ 2/6	11.3mm	6mm	500pcs/roll

DSSB CABLE MARKER HOLDER

ITEM CODE		DESCRIPTION	PACKAGING
DSSB-CIA-CM-PKH 70 (70mm x 12mm)		10 digit carrier strip	100pcs/pkt
DSSB-CIA-CM-PKH110 (110mm x 12mm)		20 digit carrier strip	100pcs/pkt
DSSB-CIA-CM-POH30 (152mm x 9.5mm)		30 digit carrier strip	100pcs/pkt

Application

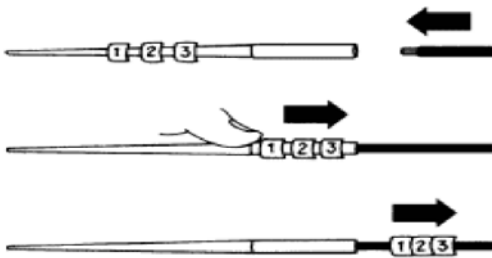


DSSB MD10 NYLON APPLICATOR



ITEM CODE	RECOMMENDED FOR SIZE	USE WITH
DSSB-CIA-CM-MD02-Red	Ø 1.7 -2.8mm	PA 02
DSSB-CIA-CM-MD10-Blue	Ø 2.5 - 4.4mm	PA1 and PZ1

Application



DSSB PKS STAINLESS STEEL CABLE MARKER

- MATERIAL: Stainless steel to AISI 316TI
- DURABILITY: Excellent resistance to heat, cold, corrosion, acids, chemicals, etc.
- PRINT: High quality stamping clearly visible even after painting
- FIXING METHOD: Stainless steel cable ties, screws, rivets, banding etc
- STANDARD LEGENDS: 0-9, A-Z, +, -, /, earth, or blank



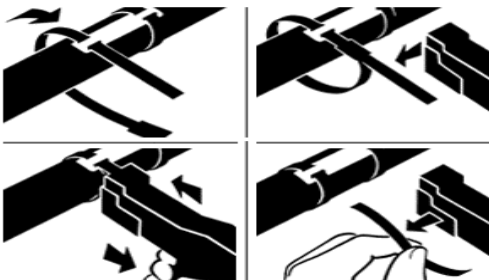
PRODUCT NUMBER	DESCRIPTION	PACKAGING
DSSB-CIA-CM-PKS10	Single Character Marker	50pcs/pkt



PKE STAINLESS STEEL CABLE MARKER HOLDER

ITEM CODE	DESCRIPTION	NO. OF CHARACTERS
DSSB-CIA-CM-PKS10/40	47mm Holder	Carrier strip max 6 digits
DSSB-CIA-CM-PKS10/60	65mm Holder	Carrier strip max 9 digits
DSSB-CIA-CM-PKS10/80	87mm Holder	Carrier strip max 13 digits
DSSB-CIA-CM-PKS10/100	107mm Holder	Carrier strip max 17 digits
DSSB-CIA-CM-PKS10/120	128mm Holder	Carrier strip max 20 digits

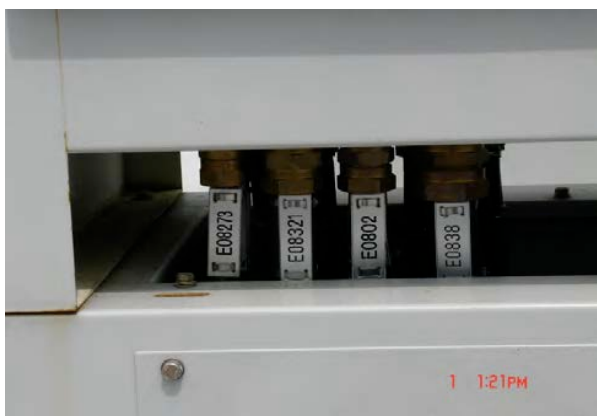
Application



CABLE IDENTIFICATION SYSTEM

DSSB LABELS

ITEM CODE	NAME
DSSB-SA-LB-AL	Aluminium Label



CABLE IDENTIFICATION SYSTEM

SS Stainless Steel Markers (EMBOSS & LASER PRINT)

Items Code	Approx. Width (W)*	Approx. Length (L)*	Approx. Thickness*	PCS per BAG	Embossy Character (Max)
DSSB-SSL0892	8	92	0.26	100	-
DSSB-SSL1089	9.5	89	0.26	100	17 (1 row)
DSSD-SSL1989	19	89	0.26	100	34 (2 row)
DSSB-MSL10200	10	200	0.35	100	-
DSSB-MSL1270	12	70	0.35	100	-
DSSB-MSL12100	12	100	0.35	100	-
DSSB-OSL1089A	9.5	89	0.4	100	-
DSSB-OSL1289A	12	89	0.4	100	-
DSSB-OSL1989A	19	89	0.4	100	-
DSSB-MBM10100	10	100	0.29	100	1-20 (1 row)
DSSB-MBM14100	14	100	0.29	100	1-20, 21-40 (2 row)
DSSB-MBM1990	19	90	0.29	100	1-20, 21-40, 41-60 (3 row)

* size in MM



EMBOSS CHARACTER MARKERS



BLANK MARKERS



LASER CHARACTER

Embossing Character

- | | |
|--------|-------------------|
| Letter | A to Z |
| Number | 0 to 9 |
| Symbol | () . ' / # & - + |

Material and Specifications

- | | |
|-----------------------------|---------------------------|
| Operating temperature range | -80°C to 538°C |
| | Stainless Steel (SS316) |
| | Stainless Steel (SS304) |
| | Stainless Steel (SS201) * |
| | * Available upon request |

Recommendation Application

For on board ships & offshore
Fastening / Binding for indoor or outdoor use
Rail Sector, Defence Industry, Wind, Automobile, Oil and Gas Industries, Energy Sector, Substations

CABLE IDENTIFICATION SYSTEM



An ISO 9001:2015 & 14001:2015 Company

DELTA SAMA JAYA SDN. BHD. (DSSB) (Reg. No: 500276-W)

No. 23G & 23M, DSSB Building, Jalan Perdana 6/8, Pandan Perdana, 55300 Kuala Lumpur, Malaysia

Tel: +603-92824007, +603-92813778 Fax: +603-92870705

Email: (HQ): samajaya@substation.com.my, (Sales): sales@substation.com.my

Website: www.substation.com.my, www.cablecleat.com.my



NOTES:

Lined area for notes, consisting of multiple horizontal lines.

Delta Sama Jaya Sdn.Bhd.



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