

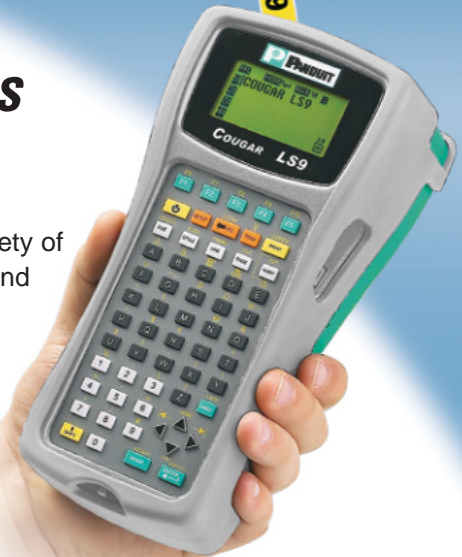
**COUGAR LS9**

# **NEW!** *COUGAR™ LS9 Hand-Held Thermal Transfer Printer and Accessories*

The affordable and powerful *COUGAR™ LS9* Hand-Held Thermal Transfer Printer increases labeling productivity. The rugged printer design meets the demanding requirements of electrical and network users. With its ability to print on a wide variety of continuous industrial label materials for wire/cable marking, component labeling, and safety/facility identification, the *COUGAR™ LS9* Printer is ideal for use in the field.

Labels are provided in fast loading *P1™* Label Cassettes that each contain an integrated memory device for automatic formatting, recall of last legend used and number of labels remaining in the cassette. A partial cut feature provides the flexibility to choose tear-apart strips of labels for quicker installation.

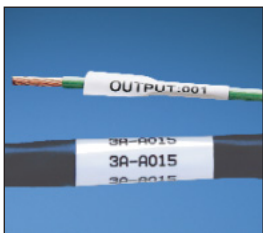
The *COUGAR™ LS9* Printer is part of a complete line of identification solutions from *PANDUIT*, which also includes the *PANTHER™ LS8E* Hand-Held Thermal Transfer Printer with revolutionary label cut-to-length functionality.



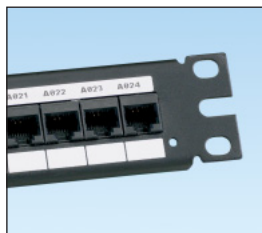
### **Key Features**

### **Benefits**

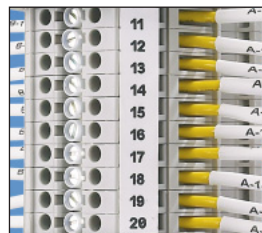
<b>Print heat shrink tubing and continuous tape</b>	Printed labels withstand harsh operating conditions including abrasion, chemicals, and temperature extremes
<b>Unique cutter design allows full or partial label cutting</b>	Flexibility to choose individually cut labels or a strip of tear-apart labels for quicker installation
<b>Cassettes with automatic label recognition</b>	Label cassettes contain an integrated memory device for automatic formatting, recall of last legend used, and number of labels remaining in the cassette
<b>Fast loading label cassette</b>	Contains both label material and ribbon to make changing labels easy
<b>Large graphic display</b>	Maximizes label design area
<b>Compact, rugged design</b>	Easy to use and fits comfortably in one hand
<b>Crisp thermal transfer print</b>	High quality print enhances label appearance



Wire/Cable Marking



Network Components



Electrical Components



Safety and Facility Identification



Partial Cut Strip of Labels

**Ordering Information – Printer and Accessories**



Part Number	Description	Std. Pkg. Qty.
<b>LS9</b>	Includes LS9 printer, 1 cassette of T100X000VPC-BK continuous tape, 6 AA alkaline batteries and quick reference card.	1
<b>LS9-ACS*</b>	120V AC power adapter for North America.	1
<b>LS9-CASE</b>	Rigid carrying case.	1
<b>LS9-IB</b>	Protective impact bumper.	1
<b>LS9-WS</b>	Wrist strap.	1
<b>LS9-CLN</b>	Cleaning kit.	1

\*Cannot be used to charge batteries. Other adapters available, replace S with A (Australia), C (China), E (Europe) and U (UK). Order in multiples of standard package quantity.

**P1™ Label Cassette System**



- Integrated memory device saves last legend used for later recall and records number of labels remaining in the cassette
- Fast loading label cassette includes both label material and ribbon to make changing labels easy
- Durable materials are designed for use in industrial environments

**Continuous Heat Shrink Label Cassettes**



- Labels offer crisp, clear legends with superior legibility
- Meets UL Standard 224 for flammability
- Meets print performance requirements of MIL-M-81531 and MIL-STD-202F Method 215A, Solution A, C, and D
- Shrink ratio of 3:1
- Each cassette contains a continuous roll of flattened heat shrinkable polyolefin that can be cut-to-length and partially cut

Part Number	Description	Width		Length		Min. Cable Diameter		Max. Cable Diameter		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	Ft.	M	In.	mm	In.	mm		
<b>H000X025H1C</b>	White, 1/8" diameter heat shrinkable polyolefin.	0.25	6.35	8.0	2.44	0.04	1.02	0.13	3.3	1	10
<b>H000X025H2C</b>	Yellow, 1/8" diameter heat shrinkable polyolefin.	0.25	6.35	8.0	2.44	0.04	1.02	0.13	3.3	1	10
<b>H000X034H1C</b>	White, 3/16" diameter heat shrinkable polyolefin.	0.34	8.64	8.0	2.44	0.06	1.52	0.19	4.83	1	10
<b>H000X034H2C</b>	Yellow, 3/16" diameter heat shrinkable polyolefin.	0.34	8.64	8.0	2.44	0.06	1.52	0.19	4.83	1	10
<b>H000X044H1C</b>	White, 1/4" diameter heat shrinkable polyolefin.	0.44	11.18	6.0	1.83	0.08	2.03	0.25	6.35	1	10
<b>H000X044H2C</b>	Yellow, 1/4" diameter heat shrinkable polyolefin.	0.44	11.18	6.0	1.83	0.08	2.03	0.25	6.35	1	10
<b>H000X084H1C</b>	White, 1/2" diameter heat shrinkable polyolefin.	0.84	21.34	6.0	1.83	0.17	4.32	0.05	12.7	1	10
<b>H000X084H2C</b>	Yellow, 1/2" diameter heat shrinkable polyolefin.	0.84	21.34	6.0	1.83	0.17	4.32	0.05	12.7	1	10

Order number of cassettes required.

Vinyl Cloth Continuous Tape Cassettes



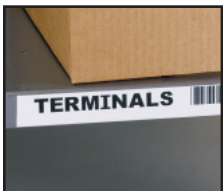
- Tapes offer crisp, clear legends with superior legibility
- Use as a wrap around label or flag style marker for wire/cable labels
- Also for use in flat applications
- Available in continuous vinyl cloth tape

Part Number	Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	Ft.	M		
T050X000CBC-BK	Black on white, vinyl cloth tape.	.50	12.70	12.5	3.8	1	10
T100X000CBC-BK	Black on white, vinyl cloth tape.	1.00	25.40	12.5	3.8	1	10

Order number of cassettes required.

Continuous Tape Cassettes

- Tapes offer crisp, clear legends with superior legibility
- For flat label applications only
- Print terminal block labels ranging in size from .24" to .38" wide
- Print custom voltage markers, signs, and bin marker labels on demand
- Available in a variety of colors, widths, and materials including continuous polyolefin, polyester, and vinyl



Part Number	Description	Height		Length		Std. Pkg. Qty.	Std. Ctn. Qty.
		In.	mm	Ft.	M		
T024X000FJC-BK	Black on white, polyolefin tape, terminal block label.	.24	6.10	25.0	7.6	1	10
T031X000FJC-BK	Black on white, polyolefin tape, terminal block label.	.31	7.87	25.0	7.6	1	10
T038X000FJC-BK	Black on white, polyolefin tape, terminal block label.	.38	9.65	25.0	7.6	1	10
T038X000VPC-BK	Black on white, vinyl tape.	.38	9.65	25.0	7.6	1	10
T038X000VYC-WH	White on black, vinyl tape.	.38	9.65	25.0	7.6	1	10
T038X000YKC-BK	Black on clear, polyester tape.	.38	9.65	25.0	7.6	1	10
T050X000VPC-BK	Black on white, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VQC-BK*	Black on blue, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VSC-BK*	Black on green, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VUC-BK	Black on orange, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VWC-BK*	Black on red, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VXC-BK	Black on yellow, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000VYC-WH	White on black, vinyl tape.	.50	12.70	25.0	7.6	1	10
T050X000YKC-BK*	Black on clear, polyester tape.	.50	12.70	25.0	7.6	1	10
T075X000VPC-BK	Black on white, vinyl tape.	.75	19.05	25.0	7.6	1	10
T075X000YKC-BK	Black on clear, polyester tape.	.75	19.05	25.0	7.6	1	10
T100X000VPC-BK	Black on white, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VQC-BK*	Black on blue, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VSC-BK*	Black on green, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VUC-BK*	Black on orange, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VWC-BK*	Black on red, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VXC-BK*	Black on yellow, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000VYC-WH	White on black, vinyl tape.	1.00	25.40	25.0	7.6	1	10
T100X000YKC-BK*	Black on clear, polyester tape.	1.00	25.40	25.0	7.6	1	10

\*Available with white ribbon, replace BK suffix with WH.  
Order number of cassettes required.

**Material Selection Guide**

Material Type	Temperature Range	Description	Color(s)	Outdoor Rated	UL Recognized	RoHS Compliant‡
Heat Shrinkable Polyolefin <sup>^</sup>	-67°F to 275°F (-55°C to 135°C)	Polyolefin heat shrink for wire and cable marking applications, excellent print quality.	White Yellow	Yes	UL 224	Yes
Polyester	-40°F to 257°F (-40°C to 125°C)	General purpose material for component labeling; excellent print quality; does not stretch or easily tear.	Clear	Yes	UL 969	Yes
Polyolefin	-50°F to 120°F (-46°C to 49°C)	Durable, pliable material with permanent adhesive for terminal block and network component labels.	White	No	UL 969	Yes
Vinyl Cloth	-50°F to 170°F (-46°C to 77°C)	General purpose material, vinyl impregnated cloth resists oil and abrasion; material can be removed, repositioned, and reused.	White	No	UL 969	Yes
Vinyl	-40°F to 176°F (-40°C to 80°C)	General purpose material for pipe marking, bin marking, and facility identification; conformable material for flat applications in indoor or outdoor environments.	White	Yes	UL 969	Yes
			Black Blue Green Orange Red Yellow	Yes	UL 969	Yes

<sup>^</sup>Product meets print performance of MIL-M-81531 and MIL-STD-202F Method 215A, Solution A, C, and D.  
<sup>‡</sup>Material is RoHS compliant per European Directive 2002/95/EC on the Restriction of Hazardous Substances (RoHS).

**Printer Comparison Charts**

**Hand-Held Thermal Transfer Printing Solutions**



PANTHER™ LS8E



COUGAR™ LS9

- Rugged printers meet the demanding requirements of electrical and network users
- Ability to print on a wide variety of label materials for wire/cable marking, component labeling, and safety/facility identification
- Labels provided in fast loading P1™ Label Cassettes that each contain an integrated memory device for automatic formatting, recall of last legend used and number of labels remaining in the cassette

Label Types	PANTHER™ LS8E	COUGAR™ LS9
Continuous Tapes		
Continuous Heat Shrink Tubing		
Die-Cut Heat Shrink Tubing		
Die-Cut Component Labels		
Self-Laminating Labels		

Printer Features	PANTHER™ LS8E	COUGAR™ LS9
Partial Cut Feature		
RoHS Compliant		
Revolutionary Label Cut-To-Length Functionality		
PC Interface		

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