Raised Panel Labels

specifications

Raised panel labels shall be die-cut, microcellular foam with a polyester printable surface and high-tack adhesive. The polyester surface shall readily accept thermal transfer print. Product shall be resistant to scratching, smearing, and rubbing and meet print performance requirements of UL969 and MIL-STD-202G. Optional clear over-laminate shall provide additional print protection in harsh environments.

technical information

Material:	High-tack microcellular foam with thermal transfer printable polyester surface (0.03" thick)
Print method:	Thermal transfer
High service temperature:	1000 hours at 212°F (100°C), no visible change observed
Low service temperature:	1000 hours at -40°F (-40°C), no visible change observed
Minimum application temperature:	50°F (10°C)

Adhesive performance: Tested per ASTM D1000

	20 minute dwell	24 hour dwell
Stainless steel	100 oz./inch	150 oz./inch
Powder-coated	100 oz./inch	150 oz./inch
ABS	100 oz./inch	150 oz./inch

Print performance:	Product meets print performance of MIL-STD-202G, method 215K, solution A, B, and D
Recommended ribbon:	TDP43ME series printer – black resin RMER4BL, white resin RMER4WH, blue resin RMER4BU, red resin RMER4RD, and green resin RMER4GR
UL recognized:	File No. MH14979
RoHS compliance:	Material is RoHS compliant per European Directive 2002/95/EC on the Restriction of Hazardous Substances (RoHS)

key features and benefits

Raised thermal transfer printable surface	Delivers the look of engraved laminated plates with the convenience of printing on demand
High-tack adhesive	Strong holding power for rough, textured, and powder coated surfaces
Variety of sizes and colors	Flexible and easy to implement for a wide range of applications
Thermal transfer print technology	Provides crisp, clear, and durable legends for reliable, high-performance identification needs
Designed for Easy-Mark™ Labeling Software	Assists in the creation of optimum identifiers and labels enabling the generation of labels quickly, easily, and with fewer errors resulting in reduced costs

applications

Panduit raised panel labels are designed to meet the control panel and communication infrastructure labeling needs of organizations that would normally use engraved plates. The labels are available in a variety of sizes and colors, ready to print-on-demand using Easy-Mark™ Labeling Software and a thermal transfer desktop printer (TDP43ME, TDP43HE, or TDP46HE). The product is designed to have high resistance to scratches, smearing, and rubbing and meet print performance of UL969 and MIL-STD-202G when printed with recommended resin thermal transfer ribbons. Product solution also has an optional clear overlaminate to function in harsh environments. When used in conjunction with Easy-Mark™ Labeling Software, time-savings and reduced errors can be realized when creating legends and text.

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Part Numbers

Raised panel push button labels:	C120X150APT-22* C120X190APT-22* C180X180APT-30* C240X240APT-30*
Raised panel half push button labels:	C180X130APT-30H C240X200APT-30H
Raised panel component labels:	C100X050APT* C125X030APT* C200X100APT* C252X030APT* C300X100APT* C300X250APT* C350X300APT* C379X030APT* C400X100APT*
Pre-printed raised panel labels:	C235A8-30-ES C235AW-30-ES C350A8-30-ES C350AW-30-ES
Raised panel over-laminates:	C120X150YK-22 C120X190YK-22 C180X180YK-30 C240X240YK-30 C100X150YK C200X100YK C300X100YK C300X250YK C350X300YK C400X100YK

*Other colors available. See back page for color options

Labeling Software

Easy-Mark™ Labeling Software:	PROG-EMCD3
CAD-Connect™ Labeling Software:	PROG-CCCD

Thermal Transfer Desktop Printers

Medium volume 300 dpi:	TDP43ME
External roll stand required (for use with TDP43ME printer):	TDP43ME-RS
High volume 300 dpi	TDP43HE
High volume 600 dpi	TDP46HE

Recommended Ribbons

TDP43ME

Black resin:	RMER4BL
White resin:	RMER4WH
Blue resin:	RMER4BU
Red resin:	RMER4RD
Green resin:	RMER4GR

TDP43HE/TDP46HE

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Black resin:	RHER4BL
White resin:	RHER4WH

Raised Panel Labels

Raised Panel Push Button Labels

- Foam-backed polyester with a permanent acrylic adhesive
- 500 labels per roll
- Optional over-laminates shown below

	Part Number	Color	Hole Dia. In. (mm)	Width A In. (mm)	Height B In. (mm)	Print-On Height C In. (mm)
	C120X150APT-22	White				
	C120X150A8T-22	Yellow				
	C120X150AST-22	Green	0.87 (22.0)	1.20 (30.5)	1.50 (38.1)	0.45 (11.4)
	C120X150AWT-22	Red				
	C120X150A0T-22	Black				
	C120X190APT-22	White				
	C120X190A8T-22	Yellow				
	C120X190AST-22	Green	0.87 (22.0)	1.20 (30.5)	1.90 (48.3)	0.85 (21.6)
	C120X190AWT-22	Red				
	C120X190A0T-22	Black				
	C180X180APT-30	White				
	C180X180A8T-30	Yellow				
	C180X180AST-30	Green	1.18 (30.0)	1.80 (45.7)	1.80 (45.7)	0.36 (9.1)
	C180X180AWT-30	Red				
	C180X180A0T-30	Black				
	C240X240APT-30	White				
	C240X240A8T-30	Yellow				
	C240X240AST-30	Green	1.18 (30.0)	2.40 (61.0)	2.40 (61.0)	0.90 (22.9)
	C240X240AWT-30	Red				
	C240X240A0T-30	Black				

Raised Panel Half Push Button Labels

- Foam-backed polyester with a permanent acrylic adhesive
- 500 labels per roll

	Part Number	Color	Width A In. (mm)	Height B In. (mm)	Print-On Height C In. (mm)
	C180X130APT-30H	White	1.80 (45.7)	1.30 (33.0)	0.73 (18.5)
	C240X200APT-30H	White	2.40 (61.0)	2.00 (50.8)	1.43 (36.3)

Pre-Printed Raised Panel Labels

- Foam-backed polyester with a permanent acrylic adhesive
- 25 labels per roll

	Part Number	Color	Label Dia. In. (mm)	Hole Dia. In. (mm)
	C235A8-30-ES	Black on Yellow	2.35 (60.0)	1.18 (30.0)
	C235AW-30-ES	White on Red		
	C350A8-30-ES	Black on Yellow	3.50 (89.0)	1.18 (30.0)
	C350AW-30-ES	White on Red		

Raised Panel Push Button Label Over-Laminates

- Not printable, clear polyester over-laminate material, only used to provide additional protection in harsh environments
- 500 labels per roll

Part Number	Width A In. (mm)	Height B In. (mm)
C120X150YK-22	1.20 (30.5)	1.50 (38.1)
C120X190YK-22	1.20 (30.5)	1.90 (48.3)
C180X180YK-30	1.80 (45.7)	1.80 (45.7)
C240X240YK-30	2.40 (60.9)	2.40 (60.9)

Raised Panel Labels

Raised Panel Component Labels
- Foam-backed polyester with a permanent acrylic adhesive
- 500 labels per roll
- Optional over-laminates shown below

	Part Number	Color	Width A In. (mm)	Height B In. (mm)
B □ A	C100X050APT	White	1.00 (25.4)	0.50 (12.7)
	C100X050A8T	Yellow		
	C100X050AST	Green		
	C100X050AUT	Orange		
	C100X050AWT	Red		
	C100X050A0T	Black		
	C100X050AMT	Silver		
B ▭ A	C125X030APT	White	1.25 (31.8)	0.30 (7.6)
	C125X030A0T	Black		
B □ A	C200X100APT	White	2.00 (50.8)	1.00 (25.4)
	C200X100A8T	Yellow		
	C200X100AST	Green		
	C200X100AUT	Orange		
	C200X100AWT	Red		
	C200X100A0T	Black		
	C200X100AMT	Silver		
B ▭ A	C252X030APT	White	2.52 (64.0)	0.30 (7.6)
	C252X030A0T	Black		
B □ A	C300X100APT	White	3.00 (76.2)	1.00 (25.4)
	C300X100A8T	Yellow		
	C300X100A0T	Black		
	C300X100AUT	Orange		
	C300X100AWT	Red		
B □ A	C300X250APT	White	3.00 (76.2)	2.50 (63.5)
	C300X250A8T	Yellow		
	C300X250AST	Green		
	C300X250AUT	Orange		
	C300X250AWT	Red		
	C300X250A0T	Black		
	C300X250AMT	Silver		
B □ A	C350X300APT	White	3.50 (88.9)	3.00 (76.2)
	C350X300A8T	Yellow		
	C350X300A0T	Black		
	C350X300AUT	Orange		
B ▭ A	C379X030APT	White	3.79 (96.3)	0.30 (7.6)
	C379X030A0T	Black		
B □ A	C400X100APT	White	4.00 (101.6)	1.00 (25.4)
	C400X100A8T	Yellow		
	C400X100AST	Green		
	C400X100AUT	Orange		
	C400X100AWT	Red		
	C400X100A0T	Black		
	C400X100AMT	Silver		

Raised Panel Component Label Over-Laminates
- Not printable, clear polyester over-laminate material, only used to provide additional protection in harsh environments
- 500 labels per roll

Part Number	Width A In. (mm)	Height B In. (mm)
C100X050YK	1.00 (25.4)	0.50 (12.7)
C200X100YK	2.00 (50.8)	1.00 (25.4)
C300X100YK	3.00 (76.2)	1.00 (25.4)
C300X250YK	3.00 (76.2)	2.50 (63.5)
C350X300YK	3.50 (88.9)	3.00 (76.2)
C400X100YK	4.00 (101.6)	1.00 (25.4)

For more information

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