Arc Flash Labeling Solutions



Panduit Arc Flash Labeling Solutions are designed to comply with the latest regulations including the 2018 NFPA 70E Standard, also called Electrical Safety in the Workplace. Panduit solutions provide comprehensive identification of hazardous energy throughout the infrastructure to protect employees and equipment. Labels are available in pre-printed, print-on-demand, and custom printed versions for flexibility in indoor and outdoor applications.

New Standards and Requirements

Standards	2018 NFPA 70E	2017 NEC	2012 CSA Z462 4.3.5.4
Requirements	**130.5 (D) – Equipment Labeling.** Electrical equipment such as switchboards, panel boards, industrial control panels, meter socket enclosures, and motor control centers that are in other than dwelling units and are likely to require examination, adjustment, servicing, or maintenance while energized shall be field-marked with a label containing all the following information: 1. Nominal system voltage 2. Arc flash boundary 3. At least one of the following: a. Available incident energy and the corresponding working distance, or the arc flash PPE category in Table 130.7(C)(15)(A)(b) or Table 130.7(C)(15)(B) for the equipment, but not both b. Minimum arc rating of clothing c. Site-specific level of PPE Exception: Labels applied prior to September 30, 2011, are acceptable if they contain the available incident energy or required level of PPE. The method of calculating and the data to support the information for the label shall be documented. **NFPA 70E 130.7 (E) (1) – Safety Signs and Tags** Safety signs, safety symbols, or accident prevention tags shall be used where necessary to warn employees about electrical hazards that might endanger them.	**110.16 Arc-Flash Hazard Warning.** Electrical equipment, such as switchgear, panel boards, industrial control panels, meter socket enclosures, and motor control centers, that are in other than dwelling units, and are likely to require examination, adjustment, servicing, or maintenance while energized, shall be field or factory marked to warn qualified persons of potential electric arc flash hazards. The marking shall meet the requirements in 110.21(B) and shall be located so as to be clearly visible to qualified persons before examination, adjustment, servicing, or maintenance of the equipment.	"Equipment Labeling. Electrical equipment* shall be field marked with a label containing all the following information. (a) at least one of the following: (i) available incident energy and the corresponding working distance; (ii) minimum arc-rating of PPE; (iii) required level of PPE; or (iv) highest hazard/risk category for the equipment; (b) nominal system voltage; (c) arc flash boundary; and (d) date of the hazard analysis. The method of calculating and data to support the information for the label shall be documented. Labels applied prior to the effective date of this edition of this Standard are acceptable if they contain the available incident energy or required level of PPE."

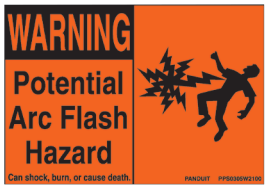
*Electrical equipment, such as switchboards, panel boards, industrial motor control panels, meter socket enclosures, and motor control centers, that are in other than dwelling occupancies, and are likely to require examination, adjustment, servicing, or maintenance while energized.

Key Features	Benefits
Complies with the latest NFPA standards and meets OSHA requirements**	Mitigates the risk of fines and accidents by increasing workplace visual communication
Personal Protective Equipment (PPE) listing and pictogram labels	Provide quick visual identification of needed PPE along with required technical information in one label to aid in compliance with the NFPA 70E standards
Bilingual label formats available	Two languages on one label; English and Spanish or English and French to ensure employee safety in a multiple language environment
Raised Panel Labels	Crisp, clear, and durable legends; ideal for extended use in harsh environments
Complete system for arc flash labeling includes software, printers, and labels	Allows user the ease and flexibility to create and print the desired labels on-demand
Highly visible colors and headers with universal hazard symbols displaying critical information	Provide employees the highest degree of safety through proper identification and communication

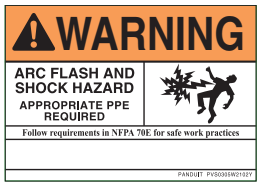
** 2018 NFPA 70E and 2017 NEC.

NEC Warning Labels

NEC Warning Labels aid in compliance with Article 110.16 of the National Electric Code by providing clearly visible hazard information to warn qualified persons of potential electric arc flash hazards.



Basic

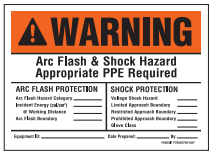


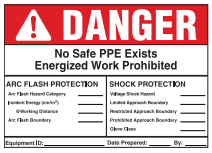
Standard

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Basic			
PPS0204W2100	4.50" x 2.25" (114.3mm x 57.2mm), black/orange, adhesive polyester sign, "WARNING". Potential Arc Flash Hazard.	5	100
PPS0204W2100-F	4.50" x 2.25" (114.3mm x 57.2mm), black/orange, adhesive polyester sign, "WARNING". Potential Arc Flash Hazard, written in French.	5	100
PPS0305W2100	3.50" x 5.00" (88.9mm x 127.0mm), black/orange, adhesive polyester sign, "WARNING". Potential Arc Flash Hazard.	5	50
PPS0507W2100	5.00" x 7.00" (127.0mm x 177.8mm), black/orange, adhesive polyester sign, "WARNING". Potential Arc Flash Hazard.	5	50
PPS0507W2100-F	5.00" x 7.00" (127.0mm x 177.8mm), black/orange, adhesive polyester sign, "WARNING". Potential Arc Flash Hazard, written in French.	5	50
Standard			
PVS0305W2102Y	3.50" x 5.00" (88.9mm x 127.0mm), WARNING (Header) orange and black, adhesive vinyl sign, "WARNING". ARC Flash and Shock Hazard.	5	50
PVS0305W2102Y-S	3.50" x 5.00" (88.9mm x 127.0mm), WARNING (Header) orange and black, adhesive vinyl sign, "WARNING". ARC Flash and Shock Hazard. Written in Spanish.	5	50
PVS0305W2102Y-F	3.50" x 5.00" (88.9mm x 127.0mm), WARNING (Header) orange and black, adhesive vinyl sign, "WARNING". ARC Flash and Shock Hazard. Written in French.	5	50

NFPA 70E Arc Flash Labels

NFPA 70E Arc Flash Labels provide all the detailed information needed for compliance with the 2015 NFPA 70E standard. These labels are available with WARNING or DANGER headers, universal hazard symbols and clear, concise, hazard descriptions. Labels are constructed of vinyl material (PVS) that accepts handwritten hazard information by using Panduit permanent black marking pens (PFX-0).





Detailed

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
Detailed			
PVS0305W2103Y	3.50" x 5.00" (88.9mm x 127.0mm), WARNING (Header) orange and black, adhesive vinyl sign, "WARNING". Potential Arc Flash and Shock Hazard with detailed write-on area.	5	100
PVS0305W2110-F	3.50" x 5.00" (88.9mm x 127.0mm), WARNING (Header) orange and black, adhesive vinyl sign, "WARNING". Electrically Interlocked Handle, written in French.	5	50
PVS0305D2101Y	3.50" x 5.00" (88.9mm x 127.0mm), DANGER (Header) red and white, adhesive vinyl sign, "DANGER". Potential Arc Flash Exists with detailed write-on area.	5	50
PVS0507W2103Y	5.00" x 7.00" (127.0mm x 177.8mm), WARNING (Header) orange and black, adhesive vinyl sign, "WARNING". Potential Arc Flash and Shock Hazard with detailed write-on area.	5	100
PVS0507D2101Y	5.00" x 7.00" (127.0mm x 177.8mm), DANGER (Header) red and white, adhesive vinyl sign, "DANGER". Potential Arc Flash Exists with detailed write-on area.	5	50
PVS0305W2101Y-F	5.00" x 7.00" (127.0mm x 177.8mm), DANGER (Header) red and white, adhesive vinyl sign, "DANGER". Potential Arc Flash Exists with detailed write-on area. Written in French.	5	50

Arc Flash Print On-Demand Labels

Panduit offers a variety of durable polyester label options for use with the TDP43ME Printer to create customized Arc Flash labels. If additional protection is desired for printed Arc Flash labels due to harsh environments or UV fading, clear overlaminate sheets (T200X000YK1, T225X000YK1, T400X000YK1, and T425X000YK1) are also available.



C400X400A51



C400X400YZ1



C400X600A51



C400X600YZ1


C400X600YX1


T400X000A91


T400X000YX1

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
C200X400A51	2.00" x 4.00" (50.8mm x 101.6mm), polyester safety label, WARNING (Header) orange and black, 250 labels per roll.	1	4
C200X400YZ1	2.00" x 4.00" (50.8mm x 101.6mm), polyester safety label, DANGER (Header) red and white, 250 labels per roll.	1	4
C400X400A51	4.00" x 4.00" (101.6mm x 101.6mm), polyester safety label, WARNING (Header) orange and black, 250 labels per roll.	1	4
C400X400YZ1	4.00" x 4.00" (101.6mm x 101.6mm), polyester safety label, DANGER (Header) red and white, 250 labels per roll.	1	4
C400X600A51	4.00" x 6.00" (101.6mm x 152.4mm), polyester safety label, WARNING (Header) orange and black, 100 labels per roll.	1	4
C400X600YX1	4.00" x 6.00" (101.6mm x 152.4mm), polyester arc flash label, orange header, 100 labels per roll.	1	4
C400X600YZ1	4.00" x 6.00" (101.6mm x 152.4mm), polyester safety label, DANGER (Header) red and white,100 labels per roll.	1	4
Arc Flash Print On-Demand Continuous Tape			
T400X000A91	4.00" x 50.00' (101.6mm x 15.2m), polyester arc flash tape, red header.	1	4
T400X000YX1	4.00" x 50.00' (101.6mm x 15.2m), polyester arc flash tape, orange header.	1	4

TDP43ME Thermal Transfer Desktop Printer



The TDP43ME desktop printer, designed to work with Panduit labeling software and media, quickly creates high-quality printed identification for Industrial Automation, Network Infrastructure, OEM, MRO, and Construction applications. This easy to set-up and operate printer, produces crisp, clear, durable printed legends on wire and cable markers, terminal block labels, conduit and voltage markers, control panel labels, patch panel labels, safety signs, pipe markers and arc flash labels.

Part Number	Part Description	Std. Pkg. Qty.
TDP43ME	300 dpi printer; includes printer, Panduit® Easy-Mark Plus™ Labeling Software, RMEH4BL hybrid black ribbon, AC power adapter with US power cord, USB cable, user manual, quick start card, and driver disk.	1

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