

1.0. SPECIFICATIONS FOR ARC FLASH LABELS (ELECTRICAL SAFETY NFPA-70E)

1.1 LANGUAGE AND MEASUREMENT SYSTEM

Labels are printed in the **English Language** and in **the English System of Units**.



Arc Flash and Shock Hazard Appropriate PPE Required

2' - 0"	Flash Hazard Boundary
2.3	cal/cm ² Flash Hazard at 18 Inches
#1	PPE Level FR shirt and FR pants or FR coverall
0.48	kV Shock Hazard when cover is removed
3' - 6"	Limited Approach
1' - 0"	Restricted Approach - Class 00 Voltage Gloves
0' - 1"	Prohibited Approach - Class 00 Voltage Gloves

Equipment Name: PNL-3 (Fed by: BL-2)

1.2 SPECIFICATIONS

- Label for use on electrical switchboards.
- For outdoor applications.
- They must be resistant to ultraviolet rays (do not fade in sunlight).
- The adhesives are designed to stick to switchboards even in the presence of oil residues, they are resistant to many chemicals, dust and abrasion.
- Duration 8-10 years.

1.3 COMMON SIZES

Height 4 in x Width 4 in It can stick on most switchboards.

Height 4 in x Width 6 in This size is suitable for sticking on switchgears.

2.0 STANDARD OR CUSTOM LABELS

We develop electrical safety labels in the electrical engineering analysis software ETAP in its English version, the software allows the generation of an infinite number of generic label models according to **ANSI Z535.4–1998 American National Standard for Product Safety Signs and Labels** or custom labels for a particular industry where additional information or logos can be added.

3.0 ANALYSIS SOFTWARE

- ETAP Ver 19.5
- Reference Standards IEEE, ANSI, IEC.



4.0 ETAP SOLUTION PROVIDER

RADTHINK is recognized as an **ETAP Solution Provider**. It is awarded by the ETAP brand to engineering firms that have staff with the skills, knowledge and resources to offer electrical engineering solutions using ETAP analysis software.