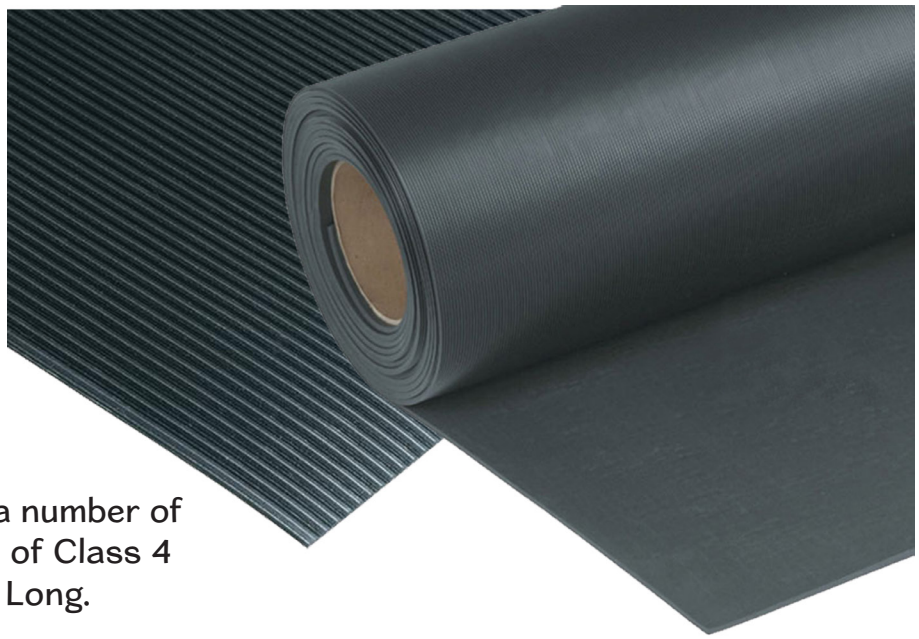
Cementex
The Safety Tool Specialists

Switchboard Matting T1C4: CPSM120

Switchboard matting is rubber matting designed to insulate workers in high voltage areas. It is used as a floor covering to prevent shock around high voltage electrical apparatuses, fuse boxes, switchgear, control panels, and heavy machinery. Our standard matting offering meets and exceeds the parameters of ASTM D178 Type I.



Switchboard Matting is available in a number of custom-cut size variations. Full rolls of Class 4 (46.5kV*) measures: 36" Wide x 60' Long.
**indicates Nominal Maximum Use Voltage*

Part Number	Description
CPSM120-3660F	Class 4: 1/2" Corrugated Roll (3'x60')
CPSM120-1LF*	Class 4: 1/2" Corrugated Roll (Per Foot)

**NOTE: Linear Foot ordering will be entered as the total number of feet required as the Quantity on the line. Comments on each line will indicate the number of pieces and feet each is to be cut (e.g., 2 pieces each cut 2' in length or similar (this would be a total quantity of 4).*

Specifications:
Color: Black
Polymer: SBR/NR (proprietary formula)
Hardness: 60 Shore A (+/-5)
Tensile Strength: 700 PSI
Elongation at break: 340%
Specific Gravity: 1.67
Dielectric Strength Test: 50kV (AC)
80kv (DC)

ASTM D178 is a standard specification for rubber insulating matting used in electrical applications. It defines two types of matting: Type I and Type II. When selecting matting for electrical insulation purposes, it is important to consider the specific voltage requirements and application conditions to determine whether Type I or Type II matting is the most appropriate choice. The key differences between the two types are as follows:

- Voltage Class: Type I matting is designed for use in low voltage applications, typically up to 1,000 volts. Type II matting is designed for higher voltage applications, usually up to 17,000 volts
- Thickness: Type I matting is generally thicker than Type II matting. Standard thickness for Type I matting ranges from 1/8" to 1/4", while Type II matting is typically available in thicknesses ranging from 1/8" to 3/8".
- Physical Properties: Although both types of matting must meet certain performance requirements outlined in ASTM D178, there may be variations in physical properties such as tensile strength, elongation, hardness, and ozone resistance. These variations are intended to ensure that each type of matting is suitable for its intended voltage class and application.

Type II matting offerings are available to custom order.

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