ASTM D-178 Switchboard Matting

Dimex® ASTM D178 Switchboard Matting products are tested and certified to the most rigorous industry standards. Every roll is proof tested at the specified voltage, over the entire surface of the matting. Single piece rolls are guaranteed.

This insulating matting is engineered to protect workers against electrical shock when working around high voltage applications within product specifications.

Recommended For:
- Distribution Boards
- Switchgear
- Sub-stations
- Transformers
- Generators
- Electrical Workbenches.

The type defines the compound that is used in the manufacture of the switchboard matting in the ASTM D-178 specification. Dimex® manufactures both Type I and Type II.

Type I is defined as
“...made of any elastomer or combination of elastomer compounds, properly vulcanized.”

Type II is defined as
“...made of any elastomer or combination of elastomeric compounds with...the following special properties...Ozone Resistance...Flame Resistance and Oil Resistance...”

The Class of the ASTM D-178 specification defines the dielectric strength:

**Type I, Class 2: (¼” thickness)**
- Proof Tested Over Entire Surface at 20,000 VAC
- Recommended Maximum Use Voltage 17,000 VAC

**Type II, Class 1: (⅜” thickness)**
- Proof Tested Over Entire Surface at 10,000 VAC
- Recommended Maximum Use Voltage 7,500 VAC

**Type II, Class 2: (¼” thickness)**
- Proof Tested Over Entire Surface at 20,000 VAC
- Recommended Maximum Use Voltage 17,000 VAC

**Type II, Class 3: (⅝” thickness)**
- Proof Tested Over Entire Surface at 30,000 VAC
- Recommended Maximum Use Voltage 26,500 VAC

**Type II, Class 4: (⅞” thickness)**
- Proof Tested Over Entire Surface at 40,000 VAC
- Recommended Maximum Use Voltage 36,000 VAC

**Available Patterns**
- Diamond
- Corrugated

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