



Corrugated Embossed Pattern



Diamond Embossed Pattern

- Designed to insulate employees working on or in the vicinity of high voltage equipment by interrupting the electrical path to ground.
- Typical applications include power boards, electrical rooms, transformer stations, switching gear, bucket floors, mines, subways or any other high voltage workplace.
- Made in the United States of America



High Voltage

| Application | Insulative | Test Method |
|-------------|-----------------------|--------------|
| Embossing | Corrugated or Diamond | Face |
| | Cloth | Back |
| Thickness | 1/4" (.250") | |
| Polymer | PVC | |
| Type | Type II, Class 2 | ASTM D178-01 |
| Color | Black | |

Physical Properties

| | | |
|-------------------------------|----------------------------|-------------------------------------|
| Tensile | 800 PSI | ASTM D412 |
| Elongation | 150% | ASTM D412 |
| Flame Resistance | 0.50" max after 30 seconds | ASTM D178-01 |
| Surface Wear Resistance | Good | Taber, H-18 wheel/500 gr./1000 rev. |
| Dimensional Stability/Layflat | Very Good | ASTM D1204 |

Electrical Properties

| | | |
|----------------------------------|------------|--------------|
| Dielectric Test Voltage | 30,000 VAC | ASTM D178-01 |
| Proof Tested Over Entire Surface | 20,000 VAC | ASTM D178-01 |
| Recommended Max. Use VAC | 17,000 VAC | ASTM D178-01 |
| Weathering | | |
| Ozone Resistance | Pass | ASTM D178-01 |

| Item | Pattern | Size |
|-----------------------|------------|-----------|
| 35880 | Corrugated | 24" x 75' |
| 35881 | Corrugated | 30" x 75' |
| 35882 | Corrugated | 36" x 75' |
| 35883 | Corrugated | 48" x 75' |
| 35887 | Diamond | 36" x 75' |
| 35889 | Diamond | 48" x 75' |



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Unless otherwise noted, specified tolerance is +/- 10%
Specifications and procedures subject to change without notice.

Switchboard Insulative Matting

3651 WALNUT AVE., CHINO, CA 91710
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DRAWING NUMBER
35880

DATE:
July
2016

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