

830 - SWITCHBOARD MATTING - CORRUGATED is a non-conductive floor matting made from a PVC compound, designed to provide insulation for the worker. The mat prevents the worker from being grounded, thereby eliminating the possibility of electrical shock. The corrugated saw-tooth top surface provides increased traction and is easy to sweep clean.

Material: PVC

Features and Benefits:

- Insulated matting engineered to protect workers from electric shock
- Electrically Insulative Type 2 PVC compound
- Corrugated top surface - Added traction and easy to sweep clean
- Class 2 Di-electric Strength: 30,000 volts
- Proof test of 20,000 volts
- Recommended maximum use voltage: 17,000
- Each square foot of this matting is tested in conformance with ANSI/ASTM D-178 specifications
- ASTM D-178 printed on underside of mat

⚠ WARNING: This product can expose you to chemicals including di-2-ethylhexyl phthalate and/or diisononyl phthalate which is known to the State of California to cause cancer, birth defects or reproductive harm. For more information, visit www.P65Warnings.ca.gov



MODEL: 830

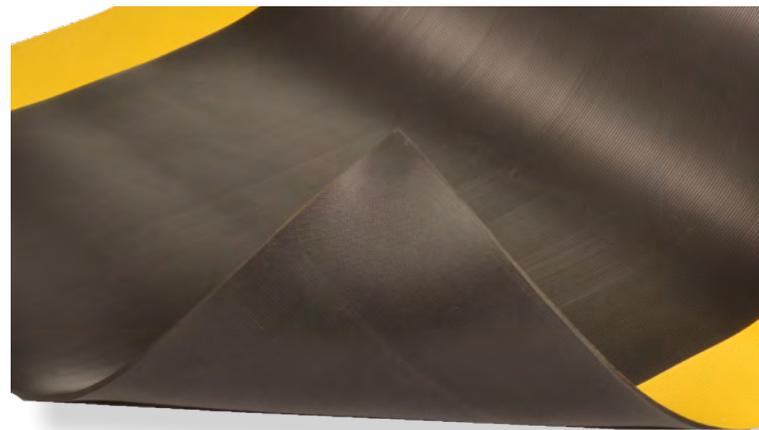
SPECIFICATIONS

APPLICATIONS

- Transformers
- Switchgear
- Distribution Boards
- Generators

Roll Sizes	2'x75', 3'x75', 4'x75'
Thickness	1/4"
Cut Lengths	2', 3', and 4' widths (up to 75' long)
Colors	 Black  Black/Yellow* <small>*only in 3' widths</small>

Performance:	Good	Better	Best	Superior
Wear Resistance	██████████			██████
Anti-fatigue Performance	██████	██████	██████	██████
Slip Resistance	██████████			██████



TESTING DATA

Test	Test Description	Results
Electrical Proof Test - ASTM D178	Min. 20,000V for 1 Minute	Pass
Dielectric Breakdown Test - ASTM D149	Min. 30,000V	Pass
O3 Resistance Test Method B ASTM D178	Any Visual Degradation	Pass
Tensile Strength - ASTM D412 DIE C	Min. 700 PSI	1362 PSI
Elongation - ASTM D412 DIE C	Min. 250%	280%
Tension Set - ASTM D412 DIE B	Max. 0.50 In.	0.459 In.
Moisture Absorption - ASTM D570	Max. Increase 3%	0.0965%
Accelerated Aging - ASTM D573	Min. 50% of Original Tensile Strength	1327 PSI (97%)
Flame Resistance - ASTM D178	Max. 0.5 In. / 12.7 mm After 30 sec.	0.154 mm/s
Oil Resistance - ASTM D471	Max. Volume Increase 4%	1.209%

*Testing performed by an independent test laboratory.

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