

Switchboard Matting

RM Biltrite Switchboard Matting is designed to insulate and protect workers against electrical shock from high voltage devices and environments. RM Biltrite’s switchboard matting conforms to ASTM D178 standards as amended for Type 1 Class 2. It is proof tested at 20,000 volts AC, with a recommended maximum voltage exposure of 17,000 volts and dielectric strength of 30,000 volts AC. Permanently branded ASTM testing results are permanently imprinted on back of matting. Please refer to product specifications for additional information.



Applications: Electrical shops, control panels, switchboards, heavy machinery, electrical plants, fuse boxes, transformers, high voltage areas.

Finish	Fabric / Ribbed / Checkered
Powder	No
Color	Black



Technical Specifications

Style#	Hardness (±5)	Tensile Strength		Elongation at break	Abrasion	Compression Set	Temperature Range (General Guidelines)		Polymer Type
	Shore A	PSI	MPa	(min) %	mm ³	(max) %	C°	F°	
IR160-70	70	700	4.8	250	-	40	-30°C to +100°C	-22°F to +212°F	NBR/PVC
IR165-80	80	700	4.8	250	-	40	-30°C to +100°C	-22°F to +212°F	NBR/PVC

Specifications are subject to change without notice

Items Available

Switchboard Matting - Grade 1		
70 Duro:	1/8"	1/4"
80 Duro:	1/8"	1/4"

Special Order Item

Sheet Rubber Roll Information

Thickness		Width		Length	
Inches	mm	Inches	Meter	Feet	mm
1/8	3.2	36 & 48	.91 & 1.2	50	15.3
1/4	6.4	36 & 48	.91 & 1.2	35	10.7

- Standard Roll approximate length ± 10%
- Products may vary, please see product listing for specific roll lengths

Typical Physical Properties: The typical physical properties are obtained on ASTM Test slabs and buttons; ASTM and Product Physical Values: ASTM basic requirements for physical properties are based on values obtained from standard laboratory test specimens prepared and tested in accordance with the applicable ASTM test methods. Test results from specimens prepared from finished products may not duplicate values obtained from standard test specimens. Per ASTM D300, Section 7.1, Buyers agrees that when standard test specimens are cut from finished parts in accordance with Practice D3183, a deviation to the extent of 10% on tensile strength and elongation values is permissible; Use of the ASTM Specifications: All of our sheet rubber products are a proprietary blend of polymers formulated to meet designated ASTM D2000 specifications. In our Commercial products, the named polymer is not necessarily the polymer representing the highest percentage of the polymer blend. The various specifications call outs are a valuable guide in selecting the type and grade of sheet rubber for a particular application. In any application, the customer should evaluate the performance requirements and conditions that will affect the working life of the rubber product. Where appropriate, field tests may need to be performed before the style of sheet rubber is selected. If the customer's quality assurance includes the testing of rubber material, the test criteria should specify the physical property call outs of the ASTM specification that is most critical to its application. Polymer type alone may not be adequate for the selecting of the rubber that is best suited for a specific application. Buyer acknowledges the use of its own knowledge, expertise, skill, experience and judgment in the selection of product(s) and/or in the selection, provision, or designation of any specifications or set of specifications for a product(s) agreed upon by the Buyer and Seller. Buyer acknowledges that Seller shall not be liable for, and Buyer assumes all risk of, inaccurate or unsuitable specifications or information provided, selected or designed by the Buyer. RM BILTRITE LLC MAKES NO REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE SUITABILITY OF MATERIALS FOR A PARTICULAR PURPOSE. BUYERS AND USERS MUST DETERMINE THE SAFETY AND SUITABILITY OF RM BILTRITE'S PRODUCTS FOR THEIR OWN PURPOSES, AND ASSUME ALL RISK, RESPONSIBILITY, AND LIABILITY FOR ALL INJURIES, LOSSES, OR DAMAGES ARISING FROM THE APPLICATION OF THE INFORMATION OR USE OF RM BILTRITE'S PRODUCTS, WHETHER OR NOT CAUSED BY RM BILTRITE'S NEGLIGENCE OR BASED ON STRICT PRODUCT LIABILITY. Terms and conditions are available upon request.