



ELECMAT+ SBR NR



TECHNICAL MATTING / ELECTRICAL INSULATION

FEATURES

Insulating matting (both sides fabric finish) to be used as a floor covering for the electrical protection of workers on electrical installations.

REGULATIONS

† The material is in compliance with IEC 61111.

APPLICATIONS

Prevention of electric shock risk around high voltage electrical equipment, such as fuse boxes, control panels, switchgear and heavy machinery. Please consult user guide.

ADVANTAGES

- † Electric insulation
- † Noise, vibration, and cold propagation reduction
- † Non-slippery
- † Acoustic insulation
- † Excellent walking and standing comfort

BENEFITS

- † Safety
- † Comfort
- † Service life

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics	Standard	Value	
MECHANICAL			
Rubber compound - grey		SBR NR	D700
Hardness	ASTM D2240	70 ±5	Shore A
Abrasion resistance (5N)	ISO 4649	≤160	mm ³
Residual indentation	EN ISO 24343	≤0.15	mm
Dimensional stability	EN ISO 23999	±0.3	%
Sound insulation	ISO 10140-3	12	dB

CHEMICAL RESISTANCE

Common cleaning products	EN 423	Good
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IDENTIFICATION

Branding	Following IEC 61111 norm.
Back face	Fabric impression
Packaging	Rolled on cardboard tube Ø 80mm. Plates on 10-units packages.
Wrapping	Black polyethylene film.
Labelling	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability.

Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.

SBR NR	TECHNICAL MATTING / ELECTRICAL INSULATION	ELECMAT+				
COLOR	THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m ²	SIDES FINISH	DIELECTRIC STRENGTH
GREY	3.2-0.2 / +0.3	1000 ± 2 %	0.6 ± 2 %	3.03	2 SIDES CLOTH FINISH	CLASS 3
GREY	3.2-0.2 / +0.3	1000 ± 2 %	1 ± 2 %	5.06	2 SIDES CLOTH FINISH	CLASS 3
GREY	3.2-0.2 / +0.3	1000 ± 2 %	5 ± 2 %	5.06	2 SIDES CLOTH FINISH	CLASS 3
GREY	3.2-0.2 / +0.3	1000 ± 2 %	10 ± 2 %	5.06	2 SIDES CLOTH FINISH	CLASS 3
GREY	3.2-0.2 / +0.3	1200 ± 2 %	10 ± 2 %	5.06	2 SIDES CLOTH FINISH	CLASS 3
GREY	5 ± 0.4	1000 ± 2 %	0.6 ± 2 %	4.69	2 SIDES CLOTH FINISH	CLASS 4
GREY	5 ± 0.4	1000 ± 2 %	1 ± 2 %	7.81	2 SIDES CLOTH FINISH	CLASS 4
GREY	5 ± 0.4	1000 ± 2 %	5 ± 2 %	7.81	2 SIDES CLOTH FINISH	CLASS 4
GREY	5 ± 0.4	1000 ± 2 %	10 ± 2 %	7.82	2 SIDES CLOTH FINISH	CLASS 4

Depending on the manufacturing process there could be differences in some tonalities of the roll colours.
Colours of the sample kits and catalogues have to be considered as indicative.

