

sofamel

Product Technical Specifications

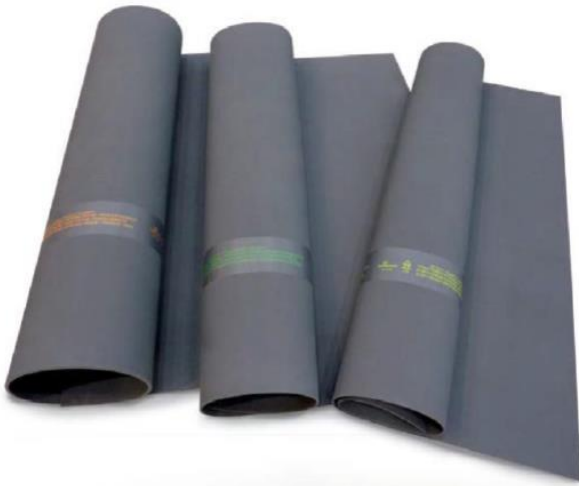
Mod. AD

Insulating mat

Functionality

Insulating mat made of high quality rubber with non-slip surface. It is used to achieve the necessary insulation with respect to ground for people who carry out work or maneuvers in electrical installations.

The mat is designed to achieve adequate insulation to safeguard the integrity of the operator who is working. With a non-slip surface to carry out work safely.



Product Features

Specific Rubber base: SBR natural rubber

Specific weight: 1.51 g / cm³ (specific gravity)

Hardness: 71 Shore A

Tensile strength: 75.5 Kg / cm²

Elongation at break: 362%

Tear resistance: 20 Kg / cm²

Abrasion resistance: 182 mm³

Temperature range: -40 ° C / +70 ° C

Flame retardant (FR).

Chemical resistance:

Dilute acids and bases - Moderate, concentrated acids and bases - not recommended,
Hydrocarbon - not recommended and organic solvents - not recommended.



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Insulating mat

Certified

According to the Standard **IEC 61111**.

Raw Material Features

Rubber base: **Natural rubber SBR**.

Electric Features

CLASS	THICKNESS	WORK VOLTAGE	TEST VOLTAGE	SUPPORTED VOLTAGE
0	1.5 mm	1 kV	5 kV	10 kV
2	2.6 mm	17 kV	20 kV	30 kV
3	3.2 mm	26,5 kV	30 kV	40 kV
4	5.2 mm	36 kV	40 kV	50 kV

