

# sofamel

Product Technical Specifications

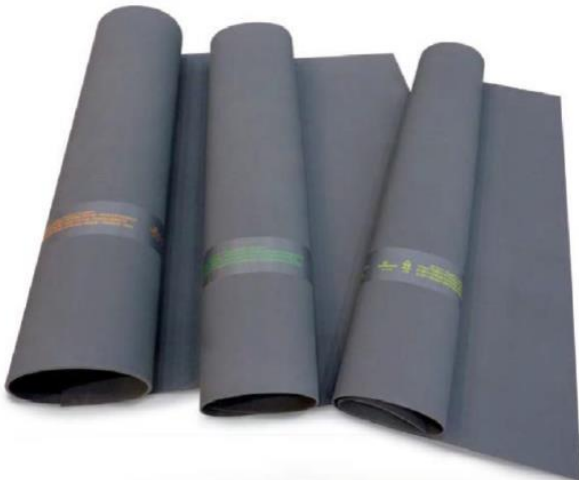
## Mod. AD

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 / cm<sup>3</sup> (specific gravity)

**Hardness:** 71 Shore A

**Tensile strength:** 75.5 Kg / cm<sup>2</sup>

**Elongation at break:** 362%

**Tear resistance:** 20 Kg / cm<sup>2</sup>

**Abrasion resistance:** 182 mm<sup>3</sup>

**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.



# Mod. AD

## Insulating mat

### Raw Material Features

Rubber base: **Natural rubber SBR.**

### Certified

According to the Standard **IEC 61111**: Live working - Electrical insulating matting

### Electric Features

CLASS	THICKNESS mm	WORK VOLTAGE	TEST VOLTAGE	SUPPORTED VOLTAGE
0	2.20±0.30	1 kV	5 kV	10 kV
2	3.20±0.30	17 kV	20 kV	30 kV
3	5.20±0.30	26,5 kV	30 kV	40 kV
4	5.20±0.30	36 kV	40 kV	50 kV

\*\*We can customize the length of the carpets according to our customers' requests (maximum 10 m).

