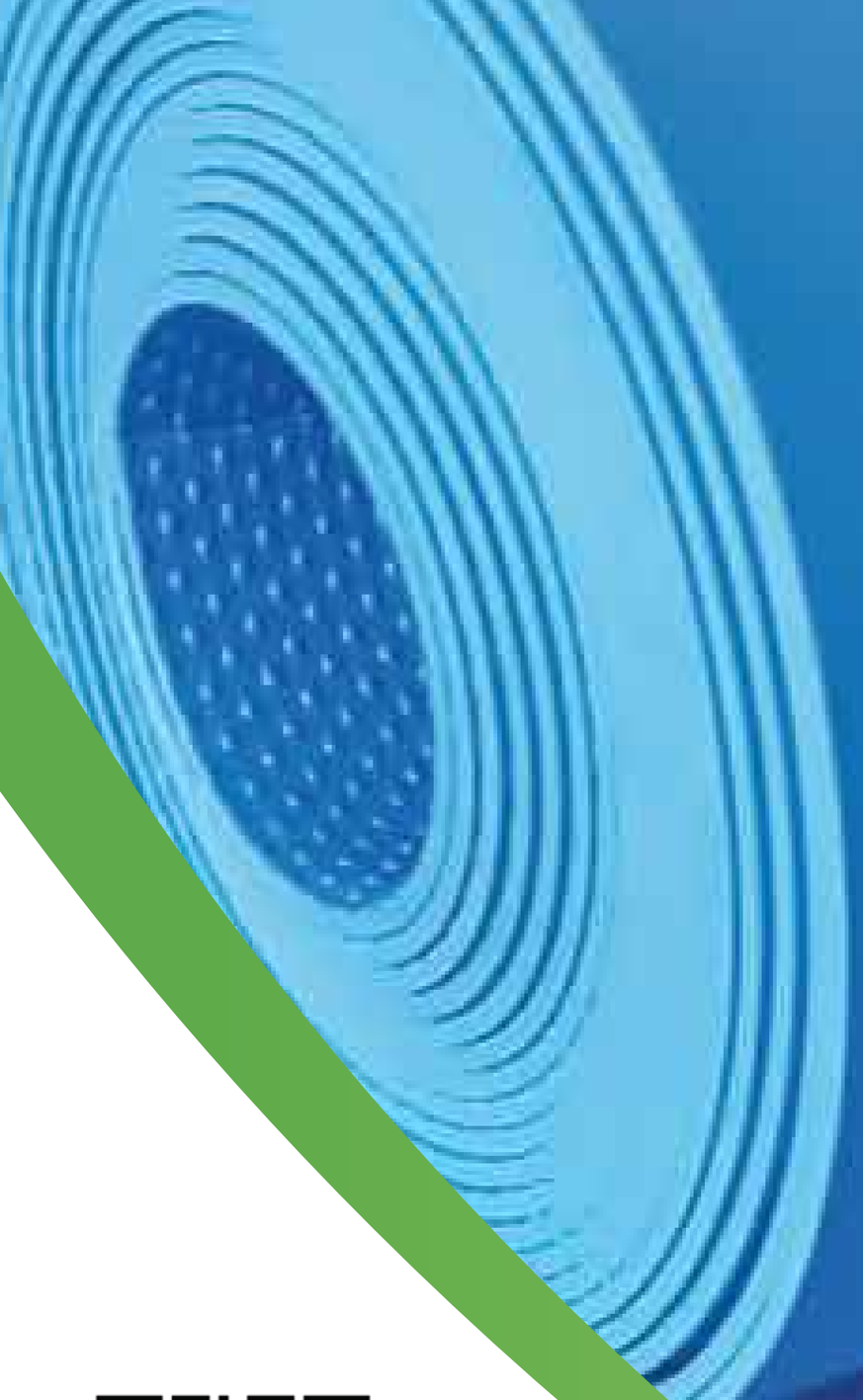

RAAH

ELECTRICAL RUBBER INSULATED MATS

Hi- Voltage INSULATING MATS
INSULATING MAT | ASTM-D178 |
TYPE || ABC CLASS 2

Rubber Insulation Matting; An Electrical Safety Staple

Rubber is a natural dielectric material which inhibits the flow of electricity and due to its molecular structure prevents the free flow of electrons. When this is combined with flexibility and cushioning nature of the material it makes an excellent choice for **Electrical Safety Matting**. High quality

Electrical Safety Mats with mechanical properties and excellent electrical insulation are used to resist electricity while protecting workers on LV-HV switchgear, substations, transformers and electrical workstations against electrical shock by absorbing the live current which can result from a short circuit or other electrical leak.

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Specifications

- Classfication Class 0 to Class 4
- Working Voltage: 1000 V AC to 36000V AC
- Proof Voltage: 5000 V AC to 40000V AC
- With stand Voltage: 10000 V AC to 50000V AC

Category specifications:

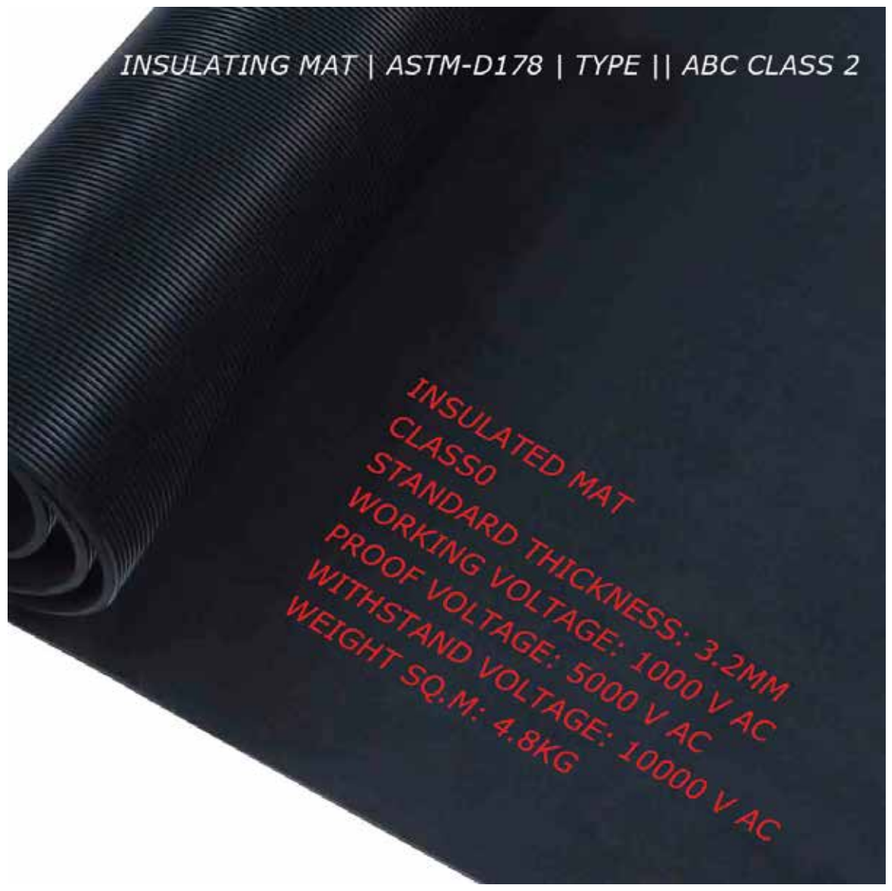
According to working voltage, the product shows markings on the reverse side with various color codes. Each color is representative of the class or the threshold of handling a voltage without leakage. These codes are as follows: Red = Class 0, White = Class 1, Yellow = Class 2, Green = Class 3, Orange = Class 4.

Class 0

Classification	Working Voltage	Proof Voltage	Withstand Voltage	Standard Thickness	Weight sq.m
Class 0	1000 V AC	5000 V AC	10000 V AC	3.2 MM	4.8 KG

Features:

- Marked with red, the class 0 **electric shock proof rubber mat** prevents voltage leakage up to **1000 V**.
- Although these products are proofed with **5000 V** and have shown a threshold of **10000 V**.
- They also come with a ribbed surface for a perfect grip.

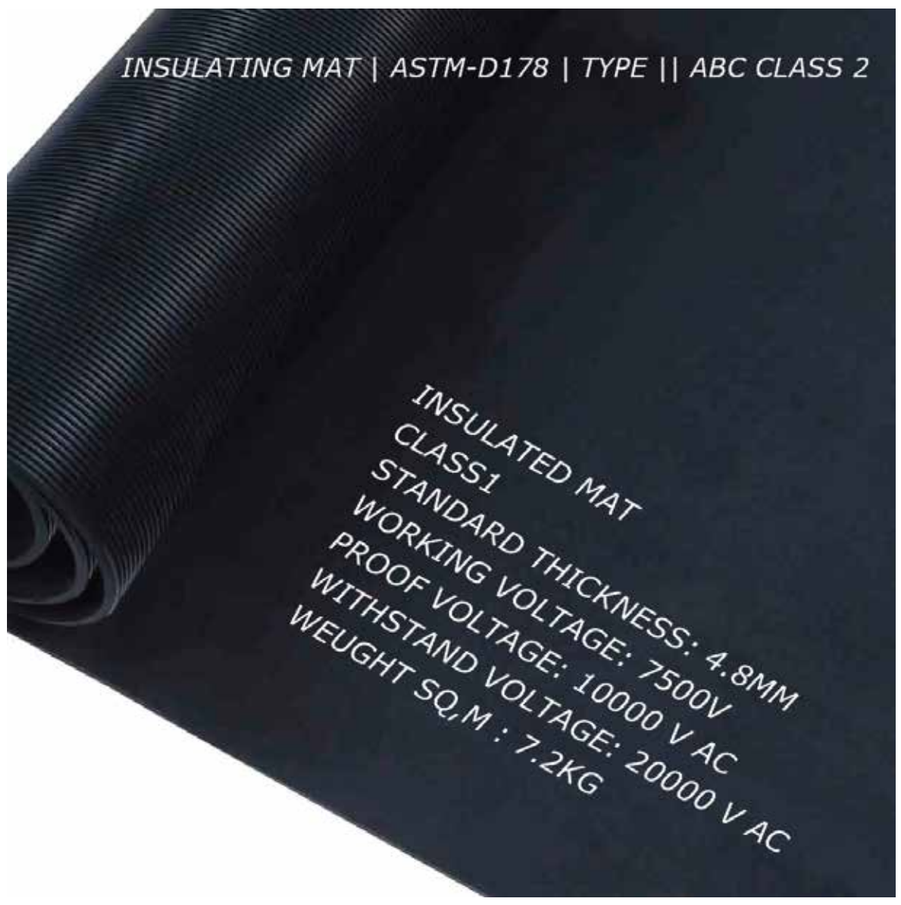


Class 1

Classification	Working Voltage	Proof Voltage	Withstand Voltage	Standard Thickness	Weight sq.m
Class 1	7500 V AC	10000 V AC	20000 V AC	4.8 MM	7.2 KG

Features:

- Marked with white the **Class 1 electrical insulated mat** is created for dielectric safety of **7500 V**, with a proof test of **10000 V** and withstanding up to **20000 V**.
- These are among the most widespread categories of insulating mats across the industries.

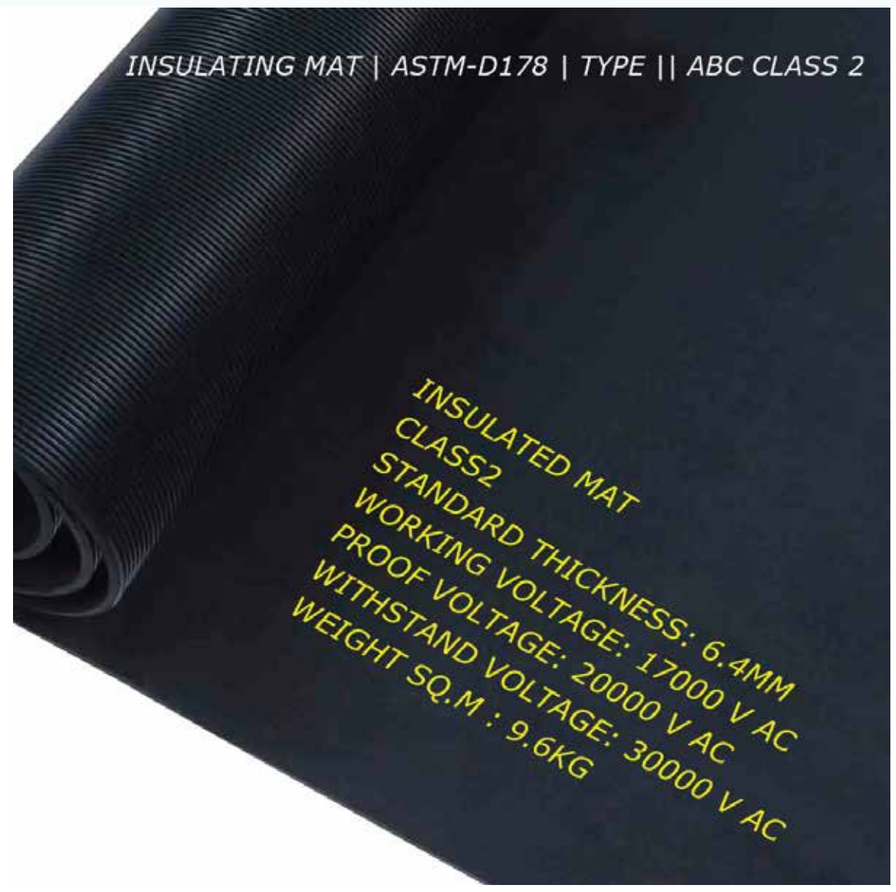


Class 2

Classification	Working Voltage	Proof Voltage	Withstand Voltage	Standard Thickness	Weight sq.m
Class 2	17000 V AC	20000 V AC	30000 V AC	6.4 MM	9.6 KG

Features:

- Designed with yellow markings, the **Class 2 electrical safety floor mats** are designed for electrical safety up to **17000 V.**
- However, the proof test and withstanding voltages are respectively, **20000 V** and **30000 V.**

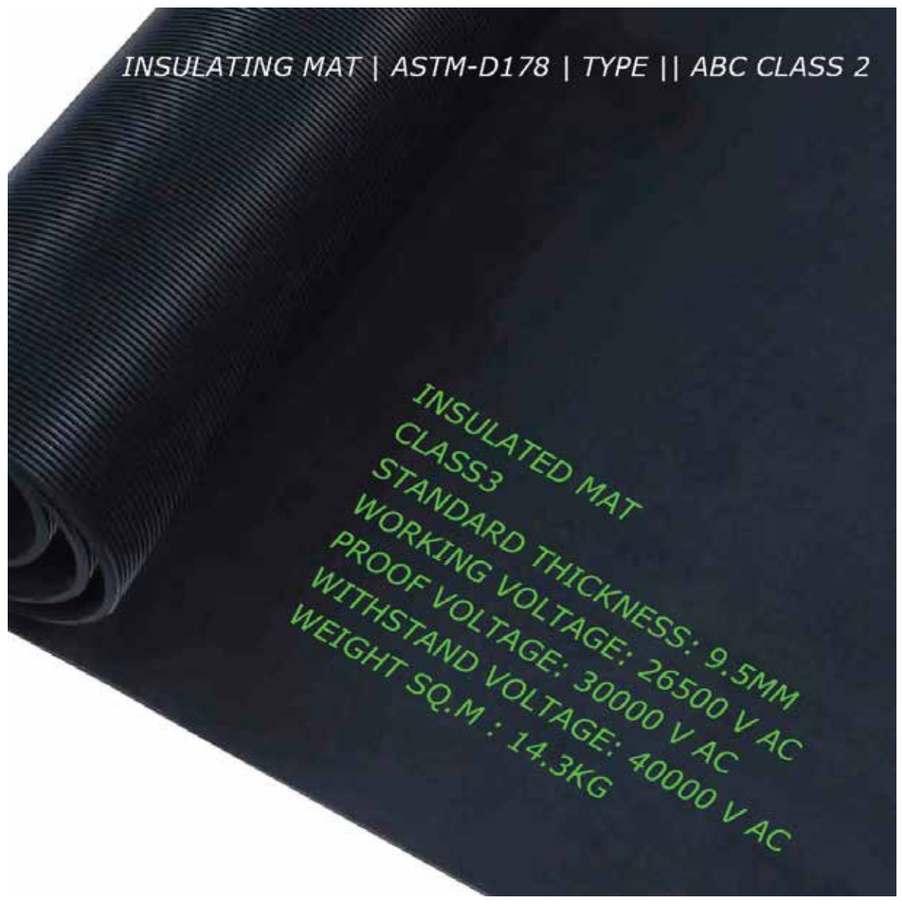


Class 3

Classification	Working Voltage	Proof Voltage	Withstand Voltage	Standard Thickness	Weight sq.m
Class 1	26500 V AC	30000 V AC	40000 V AC	9.5 MM	14.3 KG

Features:

- Crafted from fine ribbed rubber, this **Class 3 electrical insulated rubber mat** provides a safe voltage limit of **26500 V**.
- Each edition has been proof tested for **30000 V**,& withstood a maximum voltage of **40000 V**.

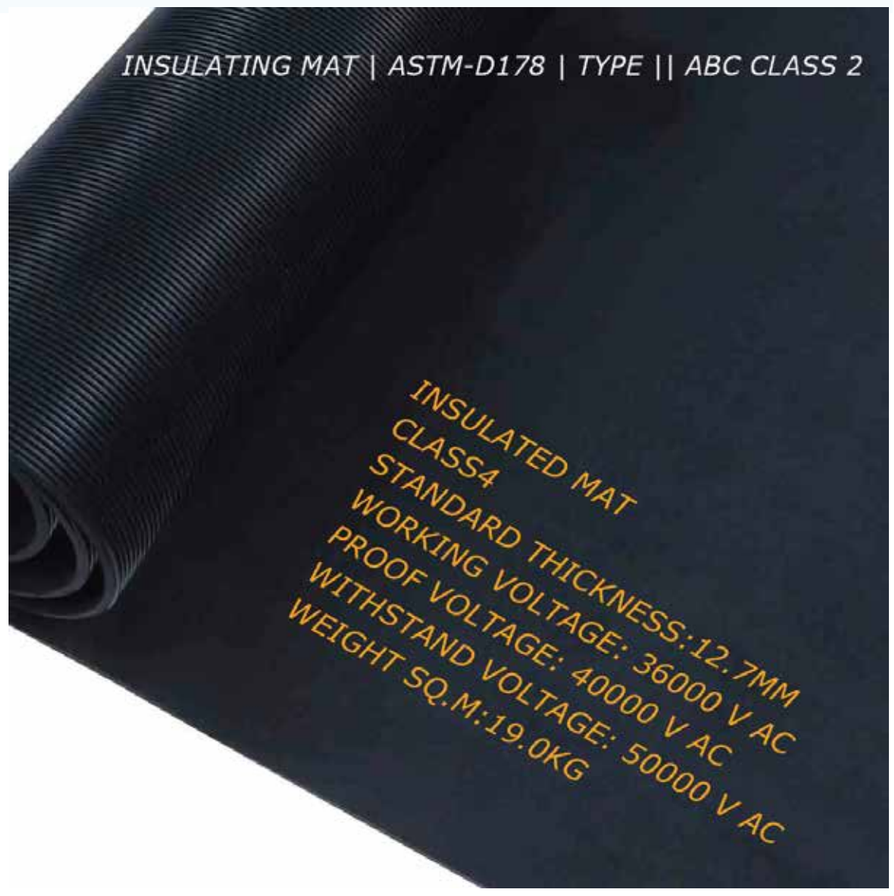


Class 4

Classification	Working Voltage	Proof Voltage	Withstand Voltage	Standard Thickness	Weight sq.m
Class 1	36000 V AC	40000 V AC	50000 V AC	12.7 MM	19.0 KG

Features:

- **Class 4 electrical insulated rubber mat** introduces the safest electrical floor coverage, with a voltage safety of **36000 V**.
- As shown by the proof tests, every mat can handle up to **40000 V**, and also withstand a threshold of **50000 V.**



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