

Flame Retardant & Oil Resistant.

"ElectroMer" Electrical Insulating Rubber Mat Premium Plus Grade , Excellent Flame retardant & Oil Resistant, Fully tested to Specification IEC 61111: 2009. Electrical Insulating Rubber Mat designed and developed for Preventing electrical hazards. High Voltage Resistant 5 levels (Class 0-4/1000-36000 Volts) Suitable for electricity control panels , MBD , Switchboards , Switchgears , power control rooms , LV /MV/HV panels , energy sub stations etc.

Electrical Insulating Rubber Mat - ICE 61111:2009						
Level	Class	Thickness	Length/Roll	Max.Use Voltage	Withstand Voltage	Color Code
1	0	2 mm	10 M	1000 Volts	10000 Volts	RED
2	1	3 mm	10 M	7500 Volts	20000 Volts	WHITE
3	2	5 mm	10 M	17000 Volts	30000 Volts	YELLOW
4	3	6 mm	10 M	26500 Volts	40000 Volts	GREEN
5	4	10 mm	5 M	36000 Volts	50000 Volts	ORANGE

Key Features

- ✓ High Voltage Resistant up to 50kV
- ✓ Flame Retardant & Oil Resistant.
- ✓ Preventing electrical hazards
- ✓ Meet IEC Standard (IEC 61111:2009)
- ✓ Suitable for both A.C / D.C Electricity
- ✓ High Durable & Flexible
- ✓ Excellent Tear and Abrasion Resistance.
- ✓ Lifespan : 7-10 Years , Low maintenance
- ✓ High Quality Rubber Compound
- ✓ Easy to Installation



Properties	Values
Material	Electrical Insulating Rubber
Flame Retardant UL	PASS
Oil Resistance	Excellent
Thickness	2-25 mm
IEC 61111 Class	0 , 1 , 2 , 3 , 4
Working Voltage	1000-36000 Volts
Withstand Voltage	Up to 50000 Volts.
Width	1 M
Length/Roll	3.5-10 M.
Specific Gravity	1.30-1.35
Surface	Smooth
Color	Gray / Green
Hardness	65+/-5 Shore A
Service Temperature	-30 to +135 °C
Tensile Strength	>70 kg/cm ²
Elongation at Break	>250%
Test Certification	Yes.
Lifespan	7-10 Years



IEC 61111 : 2009
Class 0 , 1 , 2 , 3 , 4
(1000 - 36000 Volts)



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