

to prevent from
ELECTRICAL SHOCK

use **vardhman**®

Hi-Voltage INSULATING MATS

INSULATING MATS | ASTM-D178 | TYPE II ABC CLASS 2



Product Code	Class	Standard Thickness	Max. Use Voltage	Proof Voltage	Withstand Voltage	Weight/ Sq. m
VASTMCL0	0	3.2 mm	1000 Volts	5000 Volts	10000 Volts	4.8 Kg
VASTMCL1	1	4.8 mm	7500 Volts	10000 Volts	20000 Volts	7.2 Kg
VASTMCL2	2	6.4 mm	17000 Volts	20000 Volts	30000 Volts	9.6 Kg
VASTMCL3	3	9.5 mm	26500 Volts	30000 Volts	40000 Volts	14.3 Kg
VASTMCL4	4	12.7 mm	36000 Volts	40000 Volts	50000 Volts	19.0 Kg

S.No.	Technical Specification	All Classes	
		Type-I	Type-II
1.	Composition and Surface	Rubber elastomer, Anti Skid Finish.	
2.	Tensile Strength (MPa)	Minimum 4.83	
3.	Tension Set, Max at 150% Elongation	12.7 mm	
4.	Elongation (%)	Minimum 250%	
5.	Ageing Test at 70 deg cl./168hrs.	Tensile Strength shall be min. 50% of original value.	
6.	Moisture Absorption Test (%)	Maximum 1.5	Maximum 3
7.	Ozone Resistance Test (Type-IIA)	N.A.	No Visible effects
8.	Flame Resistance Test (Type-IIB)	N.A.	Maximum 12.7 mm after 30 s.
9.	Oil Resistance Test (Type-IIC)	N.A.	Maximum vol. increase 4%

ERDA | CPRI | BIS approved



www.insulatingmat.com