

Electrical Insulating Rubber Mats Specifications (ISI- AS per IS-15652)

Characteristics	Standard Value		
Thickness	2.0mm	2.5mm	3.0 mm
Ac Di-electric Strength	30 KV	45KV	65 KV
Max. use Voltage	3.3 KV	11 KV	33 KV
Ac Proof Voltage Withstand For 3 Minutes	10 KV	22 KV	36 KV
Tensile Strength	15 N/MM2		
Elongation	250%		
Insulation Resistance with Water at 500 v	1,000,000 Ω		
Leakage Cureent	10mA		
Flame Retardance	5.0 Sec.		
Effect to Acid, Alkali, Diesel & Transformer Oil % Change From Orginal Value	Tensile Strenght (N/MM2) $\pm$ 20% & Elongation (%) $\pm$ 20%		
Ageing Properties at 70 + 1oc For 138 HRS. % Change from original value	Tensile Strength (N/MM2) + 25% & Elongation (%) + 25%		
Width & Length	1 MTR X 10 MTR Standard Roll / 1MTR X length as per Requirment		
COLOUR	Black, Blue, As per Requirment		

Class of Mat	Thickness(mm)	Tolerance(%)	Ac(ms)KV	DC(rms)V
A	2.00	±10	3.3	240
B	2.50	±10	11	240
C	3.00	±10	33	240

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