

First Time In India

B.I.S + CPRI + NTH + ERDA Approved

DOZZ[®]

IS: 15652-2006



CM/L-8647090



**INSULATING MATS
FOR ELECTRICAL
PURPOSES**

Confirming to IS : 15652-2006
(Superceding IS:5424-1969)

Applications :- The "DOZZ" ISI Marked Insulating Mats For Electrical Purposes has a wide application in various Substations, Power Plants etc. The Mats are used for floor covering below control panels to provide the safety of workman due to possible leakage of current.

Composition :- The Mats are made up of blend of Synthetic Polymers.

Unique Feature :- The "DOZZ" becomes the first brand in Indian Market to obtain the ISI Mark on Insulating Mats for Electrical Purposes.

Technical Specifications

SIZE	1 MTR. * 2 MTR.
COLOUR	BLACK / RED (Other colour as agreed between supplier and purchaser)
FINISH	ONE SIDE PLAIN/ OTHER SIDE PATTERNED
TENSILE STRENGTH	For Temp. -10 to 55 °C -15 N/mm ² (Min.)
ELONGATION AT BREAK	For Temp. -10 to 55 °C -250% (Min.)
INSULATION RESISTANCE WITH WATER	10, 00,000 MΩ (Min.)
LEAKAGE CURRENT	10 μA (Max.)
FLAME RETARDENCE	The Mat is retarded to fire.
LOW TEMPERATURE RESISTANCE	No tear, break or crack is observed in Mats under force of 100N for 30 hrs. At -40± 3°C
AGING TEST (For temp. -10 to 55 ⁰ C)	
1. TENSILE STRENGTH 2. ELONGATION AT BREAK	Not less then 75% without Aging. Not less then 75% without Aging.
EFFECT OF NAOH, TRANSFORMER OIL, HCL (For temp. -10 to 55 ⁰ C)	
1. TENSILE STRENGTH 2. ELONGATION AT BREAK	Not less then 80% without Aging. Not less then 80% without Aging.

S.No.	CLASS OF MATS	THICKNESS	DIELECTRIC STRENGTH	AC RMS VOLTAGE
1.	A.	2.00 mm	30KV	3.3KV
2.	B.	2.50 mm	45KV	11KV
3.	C.	3.00 mm	65KV	33KV

Authorised Dealer