DURATUF INSULATING MATTING (ASTM-D-178) ASTM Compliant | High Quality Dielectrical Rubber | High Voltage Resistant

TECHNICAL UNFORMAT MAXIMUM VOLTAGE

Product Code	Class	Colour	Max Use Voltage	AC Proof Voltage	Di-electric Voltage	Recom. Thickness
IM-ASTM-COT1 IM-ASTM-COT2	0	Black	1.0 kV	5.0 kV	10.0 kV	3.2 mm
IM-ASTM-C1T1 IM-ASTM-C1T2	1	Black	7.5 kV	10.0 kV	20.0 kV	4.8 mm
IM-ASTM-C2T1 IM-ASTM-C2T2	2	Black	17.0 kV	20.0 kV	30.0 kV	6.4 mm
IM-ASTM-C3T1 IM-ASTM-C3T2	3	Black	26.5 kV	30.0 kV	40.0 kV	9.5 mm
IM-ASTM-C4T1 IM-ASTM-C4T2	4	Black	36.0 kV	40.0 kV	50.0 kV	12.7 mm

STOCK ROLL SIZES

Product Code	Class	Туре	Anti-Skid Design	Stnd. Width	Stnd. Length	Weight/Roll
IM-ASTM-C0T1-BLAFT-3.2MM IM-ASTM-C0T2-BLAFT-3.2MM	0	1 2	Тор:	1.0 m	10.0 m	42 kg(s)
IM-ASTM-C1T1-BLAFT-4.8MM IM-ASTM-C1T2-BLAFT-4.8MM	1	<u>1</u> 2		1.0 m	10.0 m	68 kg(s)
IM-ASTM-C2T1-BLAFT-6.4MM IM-ASTM-C2T2-BLAFT-6.4MM	2	<u>1</u> 2	Fine Ribbed Bottom:	1.0 m	10.0 m	92 kg(s)
IM-ASTM-C3T1-BLAFT-9.5MM IM-ASTM-C3T2-BLAFT-9.5MM	3	<u>1</u> 2	Textured	1.0 m	10.0 m	140 kg(s)
IM-ASTM-C4T1-BLAFT-12.7MM IM-ASTM-C4T2-BLAFT-12.7MM	4	<u>1</u> 2		1.0 m	10.0 m	190 kg(s)

* Tolerance Level: ± 0.8 - 1.2mm on thickness & ± 13-25mm on width (subject to mat's class and width)

CUSTOMIZE YOUR MAT

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Customisation	Options			
Width	Max Width upto 1220 mm (48 in)			
Length	Max Length upto 30 m (100 ft) for below 6.4 mm thickness & Max Length upto 15 m (50 ft) for above 6.4 mm thickness			
Color	Dark Grey or any other colour subject to techno-commercial feasibility			
Anti-skid Design	Also available in both side textured design in all classes & types			

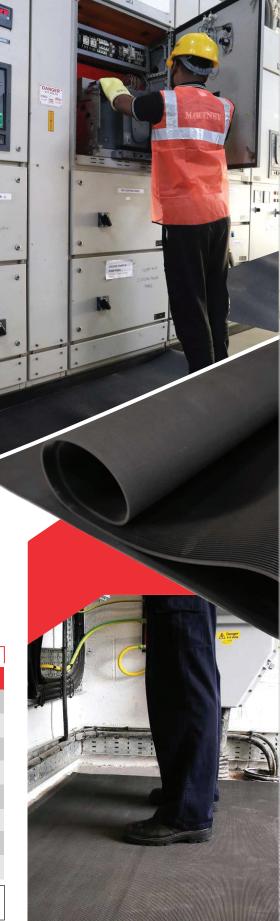
TECHNICAL SPECIFICATIONS

Characteristics	Туре-І	Туре-ІІ			
Material Composition	Made of elastomer or combination of elastomeric compound 4.83 MPa (min)				
Tensile Strength (min)	4.83 MPa (700 psi)				
Elongation at Break (min)	250%				
Ageing Properties at 70±1°C for 168 hrs	Tensile strength not less than 50% of original value				
Moisture Absorption (% increase)	1.5% (max)	3% (max)			
Ozone Resistance (Type IIA)	NA	No visible effect			
Flame Resistance (Type IIB)	NA	12.7 mm height max after 30 secs			
Oil Resistance (Type IIC)	NA	4% max volume increase			

* Unless specified otherwise, ASTM D178 mats is supplied as per Type I grade. Type II grade (A-Ozone Resistance, B-Flame Resistance, C-Oil Resistance) with a combination of all three or individual properties is also available on request.

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The data on this sheet represent typical values and should be used as a guide only. We reserve the right to change the specification without notice and assumes no liability



Duratuf Products Insulating Mats