TECHNICAL INFORMATION

MAXIMUM VOLTAGE

Product Code	Class	Max Use Voltage	AC Proof Voltage	Withstand Voltage	Max. Thickness Allowed	Recom. Thickness
IM-IEC-C0	0	1.0 kV	5.0 kV	10.0 kV	6 mm	2.0 mm
IM-IEC-C1	1	7.5 kV	10.0 kV	20.0 kV	6 mm	2.0 mm
IM-IEC-C2	2	17.0 kV	20.0 kV	30.0 kV	8 mm	3.0 mm
IM-IEC-C3	3	26.5 kV	30.0 kV	40.0 kV	11 mm	4.0 mm
IM-IEC-C4	4	36.0 kV	40.0 kV	50.0 kV	14 mm	5.0 mm

STOCK ROLL SIZES

Product Code	Class	Anti-Skid Design	Recom. Thickness	Stnd. Length	Stnd. Width	Weight/Roll
IM-IEC-C0-BLATT-2MM	0	Top & Bottom-Textured	2.0 mm	10 m	1.0 m	32 kg(s)
IM-IEC-C1-BLATT-2MM	1			10 m	1.0 m	32 kg(s)
IM-IEC-C2-BLAFT-3MM	2	Top-Fine Ribbed & Bottom-Textured	3.0 mm	10 m	1.0 m	40 kg(s)
IM-IEC-C3-BLAFT-4MM	3		4.0 mm	10 m	1.0 m	56 kg(s)
IM-IEC-C4-BLAFT-5MM	4		5.0 mm	10 m	1.0 m	72 kg(s)

*Tolerance Level: ±10% on thickness, ±2% on length & width. | *Colour: Black (for all classes)

CUSTOMIZE YOUR MAT

Customisation	Options
Thickness	Thickness can be customised for different classes upto 14 mm as per customer's requirement
Width	Max Width upto 1220 mm (4 ft)
Length	Max Length upto 15 m (50 ft)
Color	Dark Grey or any other colour subject to techno-commercial feasibility
Anti-skid Design	Also available in Top & Bottom side textured design in all classes

TECHNICAL SPECIFICATIONS

Characteristics	Values
Material Composition	Elastomer free from any insertion. Typically, a combination of natural rubber and other synthetic polymers
Mechanical Puncture Resistance (min)	70 N
Slip Resistance (min)	50 N
Aging Properties at 70±2°C for 168 hours	Mechanical Puncture Resistance not less than 80% of original value
Flame Retardance	Does not catch fire
Low Temperature Test at -25±3°C	No visible tears, cracks or breaks
Acid Resistance	Mechanical Test Values not less than 75% of original value
Oil Resistance	Mechanical Test Values not less than 75% of original value
Working Temperature	-25°C to 55°C