



STATCLEAN TECHNOLOGY (S) PTE. LTD.

30 Kaki Bukit Road 3, # 03-12/13/14, Empire Technocentre, Singapore 417819.

Tel: 65-6746 2706 Fax: 65-6746 3045 / 65-6746 3755

Email: sales@statclean.com Website: www.statclean.com

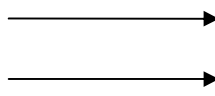
ESD 2 Layers Mat

Outline

ESD Mat is indispensable for use in safe workstations to reduce static electricity generated in the workplace. Work areas such as computer and electronic assembly lines. Semiconductor, workstation, precision optical instrument work areas and plants that deal with explosive should have this mat for safety.

Composition / Construction

Dissipative Layer
(Green/Blue/Grey)
Conductive Layer
(Black)



Based Material & Data

BASE MATERIAL	DATA
Dissipative layer	NBR(Nitrile Butadiene Rubber)
Conductive layer	NBR(Nitrile Butadiene Rubber)

Physical/General Properties

Properties	Test Method	Unit	Specification	
			Dissipative Layer	Conductive Layer
Specific Gravity	ASTM D 792	-	1.2	1.37
Tensile Strength	ASTM D 412	kg/cm ²	100 min	70 min
Elongation	ASTM D 412	%	500 min	250 min
Hardness(SHORE-A)	ASTM D 2240	-	65±5	75±5
Tear Strength	ASTM D 412	kg/cm	10 min	10 min
Surface Resistivity	-	ohm/SQ	Under 10E9	Under 10E5
Volume Resistivity	-	ohm/CM	Under 10E9	Under 10E5

Standard Roll size

Specification	Size	Unit	Permitted Limit	Remarks
Thickness	2 or 3	mm	+/- 0.15mm	
Width	600 ~ 1,200	mm	+/- 5mm	
Length	10 or 20	m	+/- 50mm	