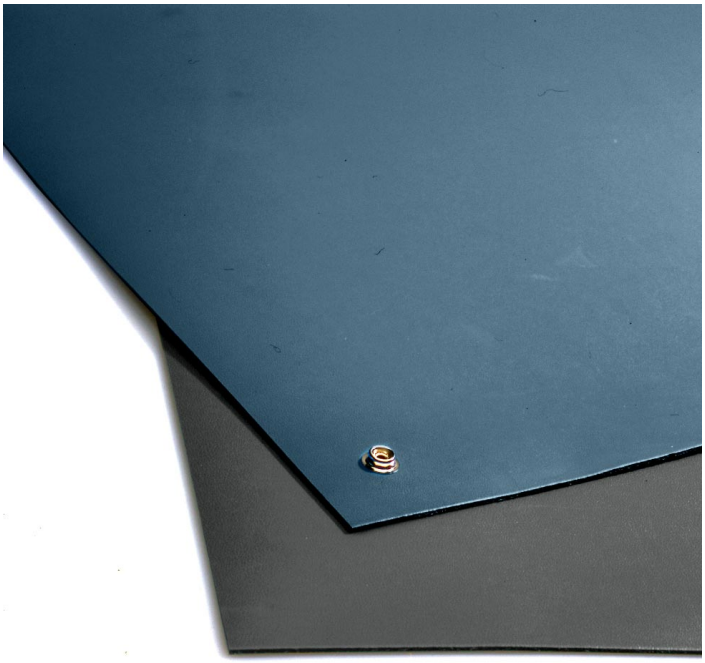

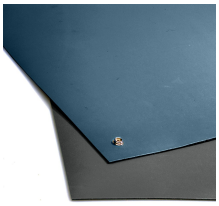





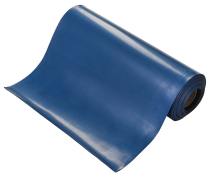

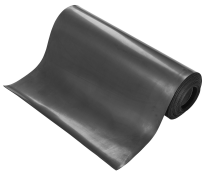

ESD Antistatic Double Layer Sheet

Dual layer rubber sheet for electrical applications

- The ESD Antistatic Double Layer Sheet is made of two layers: a conductive bottom layer made of an NBR/NR blend and a static dissipating top layer made of synthetic rubber NBR.
- The structure of the sheet is such that both layers have an approximate 1:1 ratio in terms of thickness.
- Durable, with good anti-acid, anti-alkali, and antichemical flux characteristics.
- Surface is resistant to high temperature and most chemicals.
- Product is non-marking. Does not leave any marks, stain, discoloration or residue on the floor.
- High level of flexibility without cracking.
- Prevents dangerous sparks in volatile working environments.
- Easy to maintain, and can be cleaned with general detergents.
- ESD Antistatic Sheet is usually used for E-Shops, Clean Rooms, Computer Rooms, other precision instruments and rooms for equipment operation, sensitive electrical applications and circuit manufacturing.
- Surface finish: top coloured side smooth surface and black surface textured.
- Resistant to soldering iron and solder splatter.
- Surface resistivity Ω top layer: 10^7- 10^8 Ω.
- Surface resistivity Ω bottom layer: 10^3-10^4 Ω.
- Resistance point to point (Rp-p): 8.1 x 10^8 Ω.
- Resistance to groundable point (Rgp): 3.7 x 10^8 Ω.
- Volume resistance (Rv): 4.1 x 10^8 Ω.

Parts

Part Number	Size	Colour	Weight (kg)
ESDR060003C	1.2 m x per linear metre	Grey	3.646
ESDR060003	1.2 m x 10 m	Grey	36.46
ESDR060001C	0.6 m x per linear metre	Grey	1.89
ESDR060001	0.6 m x 10 m	Grey	18.9
ESDR020003C	1.2 m x per linear metre	Blue	3.646
ESDR020003	1.2 m x 10 m	Blue	36.46
ESDR020001C	0.6 m x per linear metre	Blue	1.895
ESDR020001	0.6 m x 10 m	Blue	18.95

Technical Specifications

Material	NBR
Recycled Material Content %	15% recycled content
Natural Material Content %	37
Product Height	2 mm
Environmental Resistance	Suitable for dry indoor environments
Typical Applications	Suitable for ESD floor and bench surfaces
Tensile Strength	6 +/- 1
Elongation	350 +/- 50
Specific gravity (g/cm³)	1.3 +/- 0.05
Shore A Hardness	60 +/- 5
Tear Strength/Nmm-1	45 +/-5
Surface Resistivity Ω Bottom Layer	10^3-10^4 Ω
Surface Resistivity Ω Top Layer	10^7- 10^8 Ω
Volume resistance (Rv):	4.1x 10^8 Ω
Resistance to groundable point (Rgp):	3.7 x 10^8 Ω
Resistance point to point (Rp-p):	8.1 x 10^8 Ω

Additional Information

ESD Antistatic Double Layer Sheet_ Test Certificate