



## 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.

## Parts

Part Number	Size	Colour	Weight (kg)
ESDR060003C	1.2m x per linear metre x 2mm	Grey	4.59
ESDR060003	1.2m x 10m x 2mm	Grey	45.9
ESDR060001C	0.6m x per linear metre x 2mm	Grey	2.7
ESDR060001	0.6m x 10m x 2mm	Grey	27
ESDR020003C	1.2m x per linear metre x 2mm	Blue	4.59
ESDR020003	1.2m x 10m x 2mm	Blue	45.9
ESDR020001C	0.6m x per linear metre x 2mm	Blue	2.7
ESDR020001	0.6 m x 10 m x 2 mm	Blue	27

## Technical Specifications

Material	NBR
Recycled Material Content %	15
Natural Material Content %	37
Product Height	2 mm
Accessories	HR07#1, HR08#1, HR06#1, HR05#1, HR11#1, HR09#1, ESD1#1, ESD2#1, ESD3#1, ESD4#1
Tensile Strength	6 +/- 1
Elongation	350 +/- 50
Specific gravity (g/cm³)	1.3 +/- 0.05
Shore A Hardness	60 +/- 5

<b>Tear</b>	45 +/-5
<b>Strength/Nmm-1</b>	

<b>Surface</b>	
<b>Resistivity <math>\Omega</math></b>	$10^3$ - $10^4 \Omega$
<b>Bottom Layer</b>	

<b>Surface</b>	
<b>Resistivity <math>\Omega</math> Top</b>	$10^7$ - $10^8 \Omega$
<b>Layer</b>	

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