

ESD Rubber Mat

Item No.	Item Discription
YH-BTM12BLUE	ESD rubber roll, two layers, heat resistant, 10*1.2 M, light blue, bright
YH-BTM12GREEN	ESD rubber roll, two layers, heat resistant, 10*1.2 M, green, bright
YH-BTM12GRAY	ESD rubber roll, two layers, heat resistant, 10*1.2 M, gray, bright
YH-BTM10GREEN	ESD rubber roll, two layers, heat resistant, 10*1 M, green, bright
YH-BTM8BLUE	ESD rubber roll, two layers, heat resistant, 10*0.8 M, light blue, bright
YH-BTM8GREEN	ESD rubber roll, two layers, heat resistant, 10*0.8 M, green, bright
YH-BTM8GRAY	ESD rubber roll, two layers, heat resistant, 10*0.8 M, gray, bright

ESD rubber mat or conductive ground mats should be laid out in the workshops and advanced laboratories for microelectronic industries such as electronic semi-conduct devices, electronic computers, electronic communication equipment and integrated circuits etc., to eliminate damages caused by static electricity.

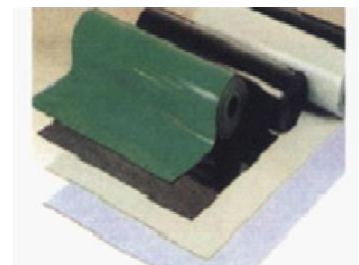
When ESD rubber mat (ground mats) are laid out and grounded, the working surface will discharge the static electricity of

human bodies so that a near-equipotential can be maintained for ESEDS tweezers, tools, utensils and instruments, through which human bodies contact the working table and static sensitive devices (SSD) are free from broadband interference produced by static discharging such as triboelectrification, etc. In this way, electrostatic protection is realized.

ESD rubber mat are mainly made of anti-static (conductive) and static-dissipative materials, and synthetic rubber. The surface layer is a 0.5mm thick static-dissipative layer. The bottom layer is a 1.5mm conductive layer. Generally, 2mm thick

double-layer structure is used.

The available colors are: green, gray, blue, black and yellow etc.



- *Resistivity of surface layer : 107-10Ω9
- *Resistivity of bottom layer : 103-10Ω5
- *Resistivity of surface and bottom layers : 103Ω-105Ω
- *Rattler loss : < 0.02g/cm2
- *Time for static dissipation : < 0.5S
- *Length, width, thickness and colors are selectable.