

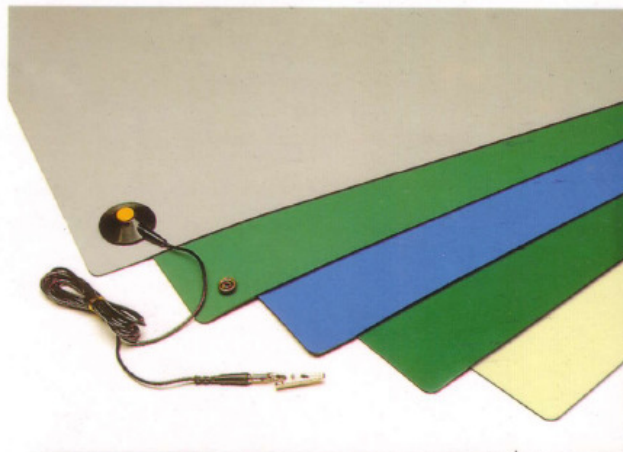
A Series of Static Safe Work Area

POLSTAR[®] STATIC CONTROL RUBBER MAT

For Table / Floor

Static Safe Work Area protects your sensitive products by providing pathways to safely drain damaging static charge to ground. And parts placed on static control rubber table mat decay their static charge to ground at a safe rate. And body's static charge is safely drained to ground by wearing static control footwears while walking on static control rubber floor mat. The mat's surface resistivity allows static discharges to be quickly dissipated. And the mats are ideal for most electronics and semiconductors applications as well as any static controlling area.

POLSTAR STATIC CONTROL RUBBER MAT is for the table/floor matting with two co-extruded layer construction; top layer is durable static dissipative rubber and bottom layer is durable non-skid conductive rubber. Two layers are strongly cohered to be one body. The mat is resistant to most chemicals, such as solvents, and it is heat-resistant to soldering iron temperature, solder fluxes. It also resists solder flux splatters. This non-curling mat is the most economic solution for a static safe work area.



Micro-Contamination & ESD Control

TYPICAL PROPERTIES

Material : Rubber

Thickness (MM) : 2 ± 0.1 , 3 ± 0.1

Color : Green/Black, Blue/Black, Grey/Black

Hardness(KSM6518-19) : Top Layer-65

Bottom Layer-66

Tensile Strength(KG/CM²) : Top Layer-114

Bottom Layer-112

Elongation(%) : Top Layer-370

Bottom Layer-380

Surface Resistivity(ASTM-D257) : Top Layer- 10^{7-8} OHMS/SQUARE

Bottom Layer- 10^{4-5} OHMS/SQUARE

Static Decay 5 KV-0 V : Less than 0.1 Second

Resistance to Ground: Less than 10^3 OHMS/SQUARE

Chemical Resistance: Resistant to Solvent, Acidic, Alkali, Oil and Aromatics
Not Resistant to ketone, D.O.P.