

ESD 101

Electrical resistance is measured in ohms; the smaller the rating, the more conductive the material.

Think of static resistance as water running through a pipe. With nothing blocking the pipe, the water is free to flow very quickly. If the pipe is blocked by debris, the water can't flow as fast because it meets resistance.

Conductive
($1 \times 10^3 \Omega$ to $1 \times 10^6 \Omega$)

Static Dissipative
($> 1 \times 10^6 \Omega$ to $1 \times 10^{10} \Omega$)

Low resistance/ohm rating

High resistance/ohm rating

