

Envetron Carbon Fiber Brushes

Instructions

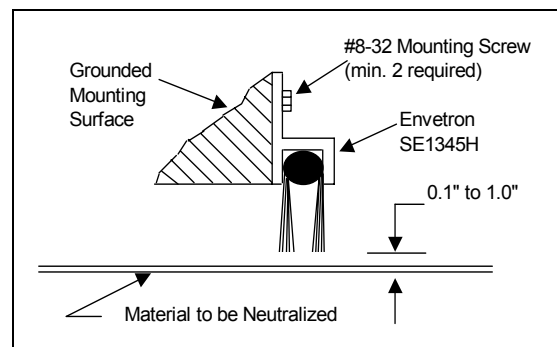
Static Charges

The processing of webs of many materials tends to create static charges on their surfaces. These charges attract dust and particulate contamination, cause handling problems and can even shock operators.

Depending on the magnitude of the charge, these problems can be reduced or eliminated by grounding the material through carbon fibers or by using the carbon fibers to ionize the air immediately above or below the web, without contacting it.

Non-Contact Neutralization

For processes in which contact is not desired, the fibers should be placed as close to the material as possible. In this position, they will reduce high static charges to a threshold that usually is sufficiently low to avoid production problems and shocks to operators.



Contact Neutralization

Another method of using the brush is to mount it so the fibers just "kiss" the material to be neutralized. The brush will then conduct the charge to ground, eliminating the static charge.

