

Staticmaster®

Passive Ionizers

NRD's full line of passive ionizers gives you the flexibility to improve quality and increase process yields in a wide variety of industrial applications. They are designed to be easy to install, require low maintenance, and are an effective means of static control.



ANTI-STATIC TINSEL (model 4002)

Anti-Static Tinsel is a highly effective, easy to install and a low cost means to reduce the effects of static electric charging on your process materials. This "passive" ionizer is fabricated with 100% copper wire and foil. The higher the static charge, the more effective the tinsel is at removing the charge.



ION CORD (model 4003)

Ion Cord is composed of 100% carbon fiber, which is known for its conductive properties. It is very effective for applications where it is necessary to drop static charges below 3000 volts. Like Anti-Static Tinsel, the higher the static charge, the more effective Ion Cord is at removing the charge on your process materials.



TINSEL BAR (model 4001)

The Tinsel Bar is a highly effective static eliminating device that combines the low cost benefits of copper tinsel with the added advantage of a rigid support structure. This combination ensures that the proper distance between the static eliminator and the charged surface is maintained.

Notice: NRD warrants that these materials are reasonably fit for the purpose described. We believe that specifications and technical information presented are based on test methods that produce accurate results. The foregoing limited warranty is expressly made in lieu of, and no other express and no implied warranty of merchantability or fitness for a particular purpose is made. NRD, LLC, will not be liable for incidental, consequential, special, exemplary or punitive damages. The limited warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, error or failure to properly maintain, clean or repair products.



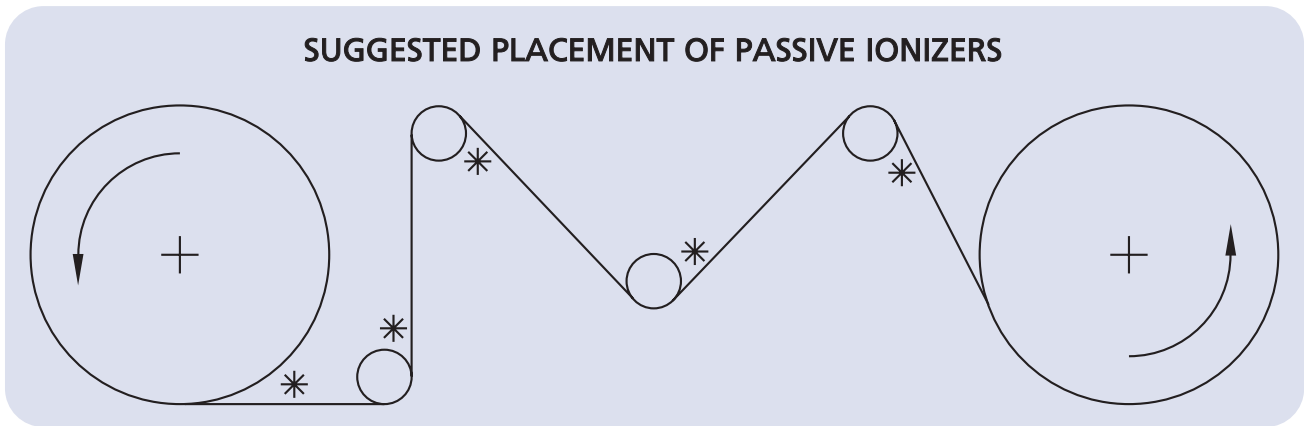
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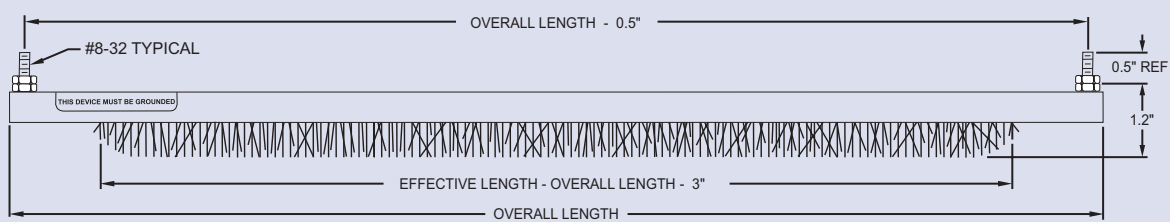
INSTALLATION INSTRUCTIONS

TINSEL / ION CORD: To install, simply string across web and attach to the metal machine frame. It is important to note that electrical grounding of passive ionizers is essential to their proper functioning. If the machine is not connected to ground, a wire can be attached to the end of the static eliminator and then affixed to the nearest true ground.

SUGGESTED PLACEMENT OF PASSIVE IONIZERS



TINSEL BAR: Tinsel Bar may be mounted above or below the web. To effectively remove the charge from the web, the material must be suspended in free space, away from equipment rollers and additional layers of material. Mounting is accomplished by using the two bolts located at each end of the device. The Tinsel Bar should be mounted just beyond the point of charge generation. To be most effective, the Tinsel Bar should be mounted so that from the tips of the tinsel fiber and the charged material is no more than 1.5 inches. As with our other passive ionizers, it is important to assure a good source of ground potential. Equipment and machine frames must be grounded and verified. The Tinsel Bar is equipped with a braided ground strap to facilitate this requirement.



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