

In Use – 4

Alpha Ionizers Ideal in Hazardous, Explosive Environments

Industry: Converting
Application: Coating

Static Problem

In coating applications, you want to make sure the material to be coated is as clean as possible and free of all particulates before the coating process begins. You also need to neutralize any static charges on the material's surface which reattract dust and other particulates that could ruin the quality of the end product. Static control difficulties can arise, however, because dip or spray coating machines often generate high static charges at the rewind stage caused by high speeds, the type of coating that's used, the type of material being coated, or the dryer.

In addition, many coating operations involve volatile solvents, and require discharge of high static potentials since sudden discharges of electricity can cause fires and explosions.

NRD Solution

This is a perfect application for NRD Alpha linear ionizers, such as P-2001 and/or air curtains with P-2001 bars, which are all intrinsically safe for use in volatile, solvent-laden environments.

Special Note:

It's very important to determine if an operation is hazardous.



2937 Alt Boulevard / PO Box 310 / Grand Island, NY 14072-0310
PHONE 716 773 7634 / FAX 716 773 7744 / EMAIL sales@nrdinc.com / WEB www.nrdinc.com