

Label printing and converting is a growing market for static eliminators. This is because of the greater use of synthetic substrates, higher speeds and UV inks.

UV Inks

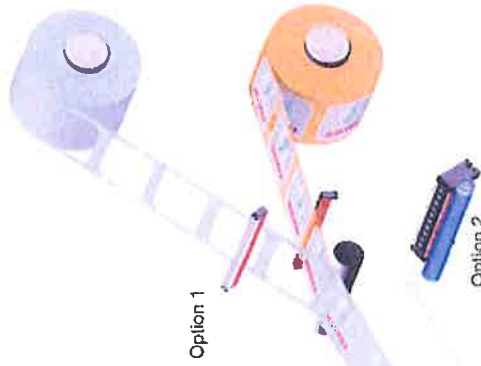
It is critical that the substrate is free from dust when printing UV inks. A web cleaner after the unwinder is not enough, because the static generated at each printing station can re-attract dust. It is normal to install a 1250-S Bar after each print unit, typically after the drier as shown below



Winders on Printers and Converting Machines

There are three options to neutralise the charge on winders for the labels and possibly also for the trim:

Option (1): Suitable for lower charges and smaller reels. A 1250-S Bar positioned after the last guide roller on each web, as shown below



Printing Head

Web Cleaner

UV Drier

1250-S Bar



Option (3)

Ionstorm Long Range Static Eliminators can be positioned 500mm from the reel and achieve complete neutralisation without any air assistance. This is the best solution available.



Ionstorm Bar

Option (2)

Is to use 1250 AB Airboost Bars to blow ionised air at each reel. This is an alternative solution to Option (1)