

# WHY USE A DEDICATED MAGNETIC ROLLER CLEANER?

By Mike Josiah and the Technical Staff at UniNet

These days with the market the way it is, it's more important than ever that close attention be paid to the bill of material costs for every cartridge without sacrificing quality.

One way, is to reuse the OEM or aftermarket magnetic roller sleeves. Upon a visual inspection, if the coating is not scratched or worn off, then with proper cleaning most magnetic rollers can successfully be reused. The key is to clean them properly.

All toners (OEM and aftermarket) use some type of wax in their formula. This wax over time builds up on the magnetic roller sleeve. This coating reduces the amount of toner the roller can present (surface area) to the drum limiting the density.

A magnetic roller sleeve in good shape does not have a smooth surface. If you were to look at one with a microscope, you would see quite a rough surface. The wax tends to fill in this surface between the high spots which reduces the surface area for the toner and thus the density.

Using alcohol will clean the roller of most other chemicals (flow agents, toner dust, paper dust, etc.), but it will melt and not remove most of the wax. The melted wax will fill in even more of the magnetic roller surface causing lighter prints and possibly static issues.

A **dedicated magnetic roller cleaner** will remove all the other particles and DISOLVE the wax on the sleeve. By dissolving the wax, the roller can be cleaned quickly and efficiently, leaving the full surface area for the toner. This cleaning brings back the density and allows the magnetic sleeve to function properly for another cycle.

An added bonus is that **dedicated magnetic roller cleaners** also remove most static charges. If you live in an area where the humidity gets very low, you are familiar with the static charges generated by a vacuum or air gun from cleaning the rollers. Cleaning these rollers with a **dedicated magnetic roller cleaner** will eliminate all but the most severe static charges from the rollers.

## HOW TO USE THE UNINET DEDICATED MAGNETIC ROLLER CLEANING SOLUTION

1. Place a small amount on a clean lint free cloth.
2. Wipe the roller down quickly, once you have covered the roller with the cleaner completely.
3. Flip the cloth over and using the wet part, clean the roller again.

That's it! The roller will dry almost instantly, and you have a clean and ready-to-use roller!