

IS IT TIME TO REPLACE YOUR CARTRIDGE'S ROLLERS?

By Mike Josiah and the Technical Staff at UniNet

We have recently covered the various specialized cleaning chemicals for magnetic rollers and developer rollers, but how do you know when it's time to replace them?

If you can see through the coating on a magnetic roller, (typically this starts from the outer edges in), it's probably time to replace it. It might print fine at first but it will likely fail during the cycle with light print. If you live in an area prone to low humidity a worn magnetic roller can help introduce static defects on the test pages too.

A developer roller is harder to visually tell if it's OK or not. After cleaning with a dedicated developer roller cleaner, if the coating does not look smooth, (IE: mottled or has lines in it) then it is most likely time to replace it. Depending on the type of cartridge, a worn developer roller can cause light print and/or backgrounding.

A PCR if worn can cause a number of things: backgrounding, ghosting, and if there is a small pinhole, you will get dark black horizontal banding. If a PCR with a pinhole is run more than a few pages, there is the chance that that pinhole will allow a surge of current through it, which can burn another hole in the drum. At this point both the drum and PCR would need to be replaced.

UniNet carries dedicated, fully qualified PCR's, developer rollers and magnetic rollers for almost any application you might need. All are listed on our [website](#).

If there is a specific roller you need that we do not list, please contact us and let us know your needs. We have a development team ready to assist.

