

Xerographics Process - Xerographics

Exposure (Write Black Process)

The Exposure or marking process in this product is called a write black, or Discharge Area Development (DAD) process, as opposed to the more standard write white process. In a write white process, the areas that represent the image on the charged drum are not exposed and **attract toner**. The background areas (white areas) are exposed and **do not attract toner**. In the write black process the ROS (laser beam) exposes the image areas to a very low electrostatic potential while the background areas (white areas) retain their high negative charge. As the latent image rotates past the Developer Roll, the negatively charged toner particles are repelled by the background areas and attracted to the very low negatively charged exposed image areas.

