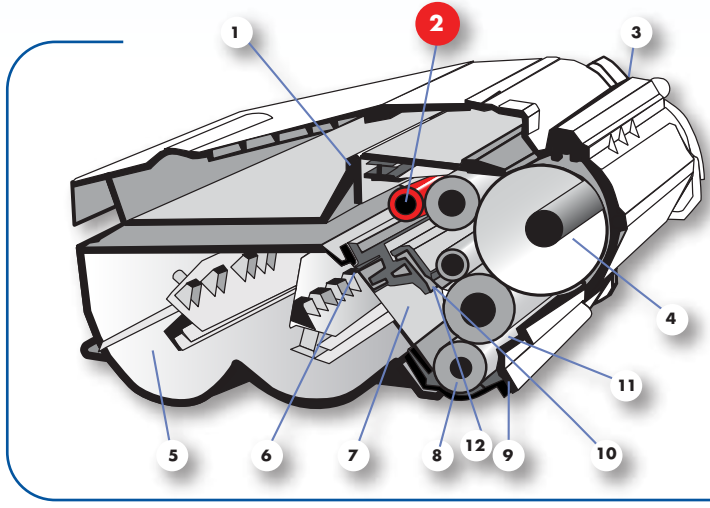




The MSE color difference

Not all color cartridges are created equal. With our proprietary components and multiple Patented Technologies, MSE is able to manufacture the highest quality compatible color toner cartridges in the market. This diagram highlights 12 of the major differences why MSE cartridges are superior to the competition. Our engineering and technologies are the reasons MSE toner cartridges have been voted the industry's best quality - year after year!



HP LaserJet 4600 Series cartridge cross section view

Complete with Smart Print Chip

SCS Technology

Patented technology

Available in all 4600/4700/5500 family cartridges

HP CP3525 coming soon

1. Patented Ultrasonic Welding: MSE's patented ultrasonic welding technologies ensure exact OEM realignment, eliminate human error, leaking and also the need for reassembly clips.

2. Patent-Pending SCS Technology: MSE's patent-pending secondary cleaning system addresses historical streaking and PCR additive build up issues and improves overall print quality and cartridge cleanliness.

3. Proprietary Pin Removal System: MSE uses a proprietary technology to remove pins without drilling. This eliminates cartridge wobble caused by improper removal.

4. Proprietary OPC Drum: Most MSE drums are specially formulated for MSE and are only available on MSE products. They are specially matched to our toner formulations and ensure color matching and image density and longevity.

5. Proprietary Toner Formulations: MSE's color matching toner formulations ensure proper image matching and accurate color density without hazing or backgrounding.

6. Proprietary Gasket Sealing System: To eliminate leaking, MSE designs and manufactures automated and robotic equipment that applies a continuous waterproof gasket seal.

7. Patented Seal: The MSE's patented seals overcome historical challenges such as "cigar rolling" and ensure that seals pull completely out easily without getting stuck. They are available on multiple models.

8. Proprietary Adder Roller Treatment: MSE's proprietary adder roller treatment evenly supplies toner to the developer roller/sleeve to produce consistent image density and accurately matched colors.

9. Patented Splitting System: MSE's patented splitting equipment does not remove plastic or cut through OEM alignment pins like standard rotary blade splitting systems. This allows precision realignment, resulting in superior cartridge integrity and eliminates leaking.

10. Proprietary Doctor Blade Treatment: MSE's proprietary doctor blade treatment ensures print densities are more consistent, that toner is delivered/dispersed evenly, and it also eliminates streaking on solid images.

11. Patent-Pending Toner Evacuation Technologies: To eliminate potential leaking and/or "sweating" during cartridge transport, MSE has developed multiple patent-pending systems to remove any excess toner after post testing.

12. Patented Doctor Blade Positioning: Ensures uniform distribution of toner and optimal charging characteristics.



INTELLIGENT RE-ENGINEERING™

