

APPLICATION BULLETIN

Customer: Lexmark International

Application: Receiving materials and assembly line production for laser printers

Product: ROPAK™ 45"x48"x34" and 45"x48"x42" containers



Problem: Parts were being shipped in corrugated packaging. The packaging created dust on the parts and it didn't protect the parts as well as they had liked, which caused assembly problems. The company invested extra time and money to dispose of the expendable packaging and employees had the non-value-added work of physically opening the boxes, creating a potential for lacerations.

Solution: 5,000 containers are in use handling about 60 different parts from plastic and metal structural components to electronics hardware. ROPAK containers are delivered directly to the assembly line on a roller conveyer. The operator works from the container, removing the parts as needed for assembly operations. This creates a safer, cleaner working environment.

Results: Switching from corrugated cardboard boxes to high-density polyethylene reusable containers has resulted in less part damage and a cleaner environment. In addition, the ROPAK containers have helped reduce operating costs and provided a return on investment of six to nine months. The containers also allowed Lexmark to maintain their strong commitment to environmentally responsible manufacturing operations.

