



Miltec UV- The Power of Excellence.

QUALITY, RELIABILITY, PERFORMANCE.

HPI Vivid Color HD

Description:

The development of our Vivid Color HD Technology resulted from close work with our customers in the metal decorating and flexo printing markets who are challenged to successfully cure dense, heavily pigmented UV inks at high speeds. This technology is ideally suited for many printing applications and others with the need to cure dense, pigmented coatings. Inks must cure all the way through for good adhesion, and pass scuff resistance tests while running at speeds to meet production demands. Failure means rejected product and lost revenues, but our Vivid Color HD Technology provides a solution. Our technology has amazed 30 year industry veterans, proving that even a thumb print test can now pass using a dense, black ink. Industry leaders in this market segment have called this revolutionary. Non printing applications with the need to cure dense, pigmented coatings, such as coil coating, also benefit substantially from this new innovative technology.

Benefits and Features:

- ▶ Efficient UV Technology for curing high density inks
- ▶ Eliminates scratching and abrasion due to under cured ink
- ▶ 5 X the cure speed compared to UV systems currently used in production



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- ▶ Reliable performance with consistent UV output
- ▶ Variable UV output from 40%-100% in 1% increments
- ▶ Fewer number of HPI UV lamps needed, lower energy and operating costs
- ▶ Easy retrofit to replace old equipment
- ▶ Made In USA

Applications include:

- ▶ Aerosol Cans
 - ▶ Three piece and two piece food cans
 - ▶ Decorative Tin Cans
 - ▶ Wide Web Flexo printing
 - ▶ Narrow Web printing
 - ▶ Sheet fed printing
 - ▶ Folding Cartons
 - ▶ Bottles
 - ▶ Screen Printing
 - ▶ Coil Coating
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