

ProFire Digital Media

For Optimum Performance of DI® Presses with ProFire Excel Imaging

PROFIRE
DIGITAL MEDIA



ProFire Digital Media: For Optimum Performance of DI Presses with ProFire Excel Imaging

Today's DI presses set the standard for digital offset printing. These Presstek ProFire Excel enabled presses combine the high quality of offset with the automation and speed of digital printing. Presstek's ProFire Digital Media is a key component of this superior performance and productivity. The combination of ProFire Digital Media and Presstek's ProFire Excel laser imaging technology provides an optimized plate/laser system that yields the highest quality offset printing.

The world's most advanced DI plate

ProFire Digital Media is designed to work as a system with the laser imaging, ink-profiling, and



plate loading features of ProFire Excel enabled DI presses. In conjunction with ProFire Excel imaging, ProFire Digital Media allows for a 16-micron imaging spot and supports up to 300-line screen and stochastic (FM) screening—with the push of a button. This significantly broadens the range of high-resolution print applications for today's DI printers.

Maximum DI performance

Presstek's commitment to excellence not only ensures reliable performance on press, it also ensures a reliable supply of thermal media. Presstek's proven DI technology enables over 95 percent of the world's DI presses. DI presses using ProFire Digital Media print at the highest levels of performance. The advanced imaging features of ProFire Digital Media result in superior rendering of details using any screen ruling—from highlight areas to shadows. Minimum screen values and subtle tonal transitions reproduce accurately and consistently.

ProFire Digital Media reduces waste, saves time, and meets the most demanding quality requirements on runs up to 20,000 impressions.

ProFire Media Product Specifications

Plate Type	Thermal ablative
Plate Substrate	Spoiled polyester
Plate Size	Dependent on type of press
Exposure	Thermal, digital, laser
Spectral Sensitivity	800–1200 nm
Light Sensitivity	Full daylight operations
Plate Thickness	.007" (0.18mm)
Screen Rulings	Up to 300-line screen
Processing	Automated cleaning step only
Run Length	20,000 impressions
Operating	40–60% relative humidity
Environment	60–70°F (16–24°C)
Shelf-Life	2 years

Specifications are subject to change without notice.

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Maximum Performance DI Plates

- High image resolution
- Up to 300-line screen
- FM (stochastic), AM and hybrid screening
- Fast makeready
- Environmentally friendly
- Excellent inking characteristics
- Durable
- Cost-effective
- Unsurpassed service and support
- From the leader in Direct Imaging

Service and Support

Presstek is committed to providing you the highest levels of service and support for your Presstek products. Presstek's unparalleled expertise in laser imaging technology combined with our extensive service experience brings you the leading support in the industry. Expert installation, training and maintenance will support your investment, so it will pay dividends quickly and reliably for years to come.

For more information about Presstek DI and CTP solutions:

Presstek, Inc.

55 Executive Drive
Hudson, NH 03051 USA
Tel: 603-595-7000
www.presstek.com