

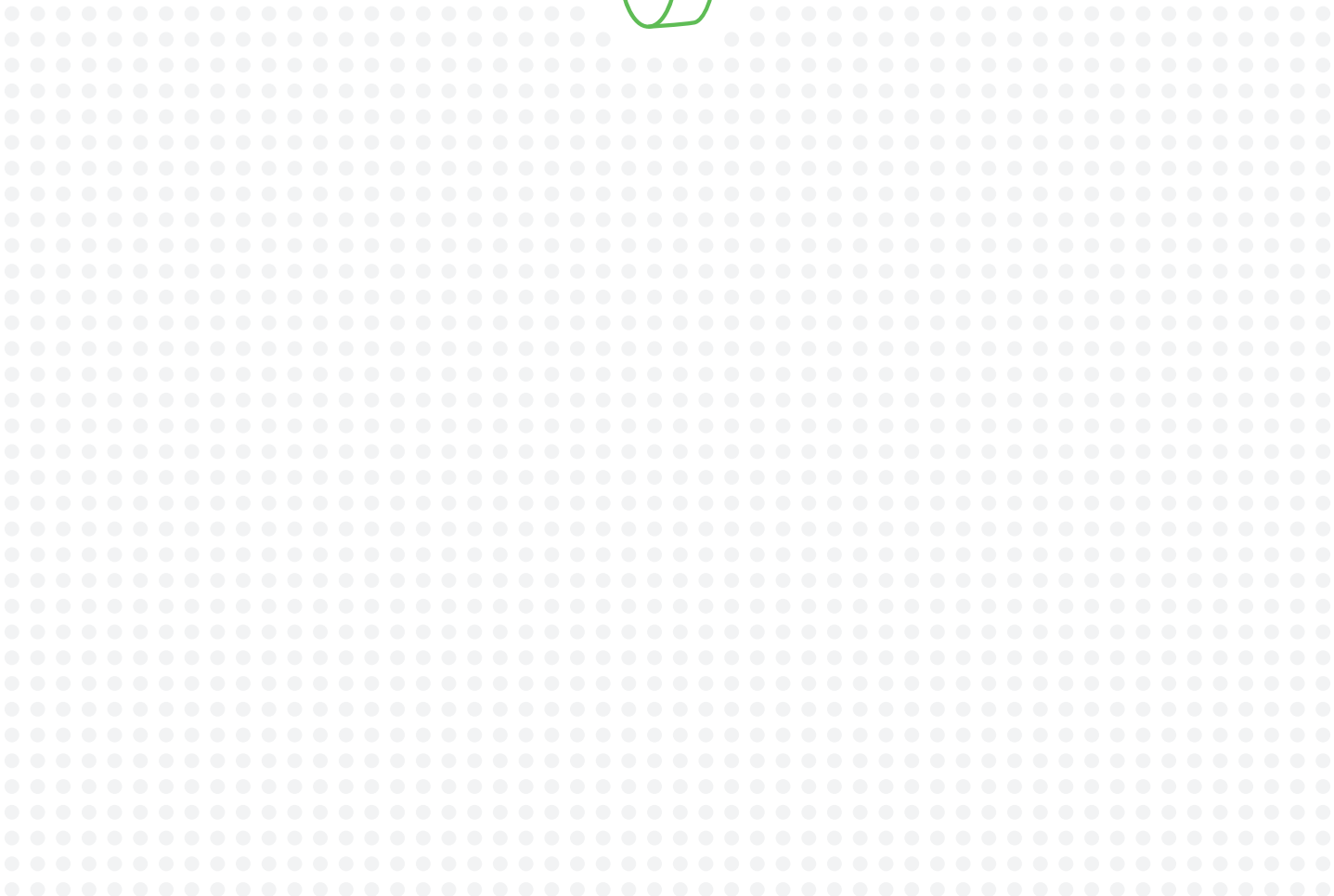


EX Inkjet Roll Service

Exactly what you need.

EX intended for inkjet. Improved lead times.
Exceptional performance.

Expect the quality and print consistency
you need for your production inkjet web presses,
faster and more reliably.



EX is a comprehensive portfolio of intended-for-inkjet rolls for printers that operate production inkjet web presses.^

Billerud offers a broad product array with exceptional optics, surface smoothness and consistency, paired with excellent roll condition for reliable runnability. Our distinguished brands, like Sterling® and Influence®, have been trusted for stellar on-press performance and quality for generations. And now embraced by inkjet press manufacturers and customers alike.

With popular widths warehoused to improve supply chain lead times plus custom widths available from manufacturing, EX offers real-time solutions for inkjet advancement.

ROLL SIZES:

- 18” and 20” widths stocked
- Custom widths available via manufacturing. Subject to approval.
- Standard with 50” OD and 3” cores

Roll labels for items within the EX Inkjet Roll Service program will be distinguished by an EX suffix.

To learn more about rolls within this program please contact your Billerud Customer Service Representative at 800 258 8852.

^In all printing situations, the quality requirements and productivity expectations vary based upon the complexity of the end-use applications. While many digital press manufacturers recommend certain offset papers, customers should verify product compatibility with the digital press manufacturer, test substrates prior to use and consider the printing demands of the specific job.

COATED INKJET WEB

Sterling® Ultra EX

NARROW ROLLS. READY TO RUN.

Sterling, a trusted brand for generations, has become the go-to coated paper for an expanding inkjet market for its positive on-press performance and print quality. Sterling Ultra EX brings the same outstanding attributes you’ve come to rely on. It delivers exceptional optics, surface smoothness and consistency. And with roll condition to meet production inkjet print requirements, the choice to run with Sterling Ultra EX has never been easier.

FEATURES:

- Gloss and Matte finish
- 7 & 9 pt. offerings meet USPS minimum requirements
- Intended for production inkjet web presses designed to run coated papers^
- Roll condition that meets production inkjet printing requirements
- Smooth surface and excellent gloss ink holdout for crisp dot resolution and images that snap
- Consistent and reliable press performance and bindery throughput
- Fully backed by our best-in-class customer support
- Manufactured in the USA with Pride

APPLICATIONS:

- Annual reports
- Magazine inserts
- Direct mail
- Corporate brochures
- Catalogs
- Posters

| Material Number | Basis Wt. | GSM | Size | Diameter | Brightness | Gloss | Opacity | Caliper |
|-----------------|------------------------------|-----|------|----------|------------|-------|---------|---------|
| Gloss Text | | | | | | | | |
| 396217 | 60 | 89 | 18 | 50 | 90 | 72 | 92 | 2.7 |
| 396219 | | | 20 | 50 | | | | |
| 396163 | 70 | 104 | 18 | 50 | 90 | 72 | 93.5 | 3.2 |
| 396165 | | | 20 | 50 | | | | |
| 392289 | 80 | 118 | 18 | 50 | 90 | 72 | 95 | 3.7 |
| 392288 | | | 20 | 50 | | | | |
| 392330 | 100 | 148 | 18 | 50 | 90 | 72 | 97 | 4.7 |
| 392331 | | | 20 | 50 | | | | |
| Gloss Cover | | | | | | | | |
| 392377 | 7 pt.* (133 lb. T/73 lb. C) | 197 | 18 | 50 | 90 | 70 | 98 | 7.3 |
| 392378 | | | 20 | 50 | | | | |
| 392381 | 9 pt.** (162 lb. T/89 lb. C) | 240 | 18 | 50 | 90 | 70 | 98.5 | 9.3 |
| 392392 | | | 20 | 50 | | | | |
| Matte Text | | | | | | | | |
| 396179 | 60 | 89 | 18 | 50 | 90 | 25 | 93 | 3.2 |
| 396181 | | | 20 | 50 | | | | |
| 396176 | 70 | 104 | 18 | 50 | 90 | 25 | 95 | 3.8 |
| 396178 | | | 20 | 50 | | | | |
| 392354 | 80 | 118 | 18 | 50 | 90 | 25 | 96.5 | 4.4 |
| 392353 | | | 20 | 50 | | | | |
| 392339 | 100 | 148 | 18 | 50 | 90 | 25 | 98 | 5.8 |
| 392338 | | | 20 | 50 | | | | |
| Matte Cover | | | | | | | | |
| 392379 | 7 pt.* (116 lb. T/64 lb. C) | 172 | 18 | 50 | 90 | 25 | 97 | 7.3 |
| 392380 | | | 20 | 50 | | | | |
| 392393 | 9 pt.** (143 lb. T/79 lb. C) | 212 | 18 | 50 | 90 | 25 | 98 | 9.3 |
| 392394 | | | 20 | 50 | | | | |

Noted *7 pt. and **9 pt. minimum caliper items are guaranteed for postal applications. With the exception of noted *7 pt. and **9 pt. minimum caliper items, Billerud manufactures to basis weight, not to specific bulk standards.

COATED INKJET WEB

Sterling® Points EX

MORE INKJET OPTIONS. THAT’S THE POINT.

Sterling Points EX is a new, caliper cover grade that commercial printers can use in production inkjet web presses. Points expands the Sterling offering range with 8, 10, 12, and 14 pt. C2S options to meet the paper needs of the inkjet print market. The unrivaled and proprietary soft-gloss finish delivers excellent legibility and high-quality image reproduction for commercial and packaging end uses.

FEATURES:

- 8, 10, 12, and 14 pt. C2S
- Intended for production inkjet web presses designed to run coated papers^
- Roll condition that meets production inkjet printing requirements
- Ideal for a variety of applications requiring a structurally sound base with a graphic paper print surface
- Soft-gloss finish is a smooth, non-glare surface that balances exceptional print gloss and readability
- Demonstrated on-press and finishing performance
- Fully backed by our best-in-class customer support
- Manufactured in the USA with Pride

| Material Number | Basis Wt. | GSM | Size | Diameter | Brightness | Gloss | Opacity |
|-----------------|-------------------------------|-----|------|----------|------------|-------|---------|
| Soft-gloss C2S | | | | | | | |
| 393210 | 8 pt. (130 lb. T/71 lb. C) | 192 | 18 | 50 | 91 | 40 | 96 |
| 393283 | | | 20 | 50 | | | |
| 393211 | 10 pt. (160 lb. T/88 lb. C) | 237 | 18 | 50 | 91 | 40 | 97.5 |
| 393284 | | | 20 | 50 | | | |
| 393282 | 12 pt. (187 lb. T/102 lb. C) | 277 | 18 | 50 | 91 | 40 | 98 |
| 393285 | | | 20 | 50 | | | |
| 394347 | 14 pt.* (215 lb. T/117 lb. C) | 318 | 18 | 50 | 91 | 40 | 98 |
| 394367 | | | 20 | 50 | | | |

*Sterling Points EX 14 pt. available upon request.

APPLICATIONS:

- Greeting cards
 - Folders
 - Direct mail
- Postcards
 - Signage
 - Menus
- Posters
 - Calendars
 - Packaging

COATED INKJET WEB

Influence® EX

LIGHTER WEIGHTS. INKJET FOR PUBLISHING.

Influence, the recognized category leader in a No. 3 web paper, is now making an impression with the inkjet market as a recognized solution for lighter weight book or publication work. Influence EX delivers the printability and appearance ideal for publishing and coated book applications with excellent ink adherence, readability, and image reproduction that delivers vibrant colors and textual clarity every time. Available in both gloss and matte options so you can run with confidence and impress your audience.

FEATURES:

- Gloss and Matte finish
- Intended for production inkjet web presses designed to run coated papers^
- Roll condition that meets production inkjet printing requirements
- Enhanced optical properties produce truer, more vibrant image reproduction
- Excellent surface gloss and smoothness deliver outstanding ink holdout, ink lay, ink gloss and surface consistency
- Unparalleled pressroom performance and printability
- CoC certification and recycled options available
- Meets SIMRA requirements
- Manufactured in the USA with Pride

| Material Number | Basis Wt. | GSM | Size | Diameter | Brightness | Gloss | Opacity | Caliper |
|-----------------|-------------------|-----|------|----------|------------|-------|---------|---------|
| Gloss Text | | | | | | | | |
| 394532 | 50 | 74 | 18 | 50 | 86 | 70 | 89.5 | 2.2 |
| 394504 | | | 20 | 50 | | | | |
| 394507 | 60 | 89 | 18 | 50 | 88 | 70 | 91.5 | 2.7 |
| 394508 | | | 20 | 50 | | | | |
| Matte Text | | | | | | | | |
| 394505 | 50 ^{1,2} | 74 | 18 | 50 | 86 | 25 | 91 | 3.1 |
| 394506 | | | 20 | 50 | | | | |
| 394509 | 60 ¹ | 89 | 18 | 50 | 88 | 25 | 92 | 3.6 |
| 394510 | | | 20 | 50 | | | | |

¹ Contains higher levels of mechanical fiber.
² Meets SIMRA certification requirements.

APPLICATIONS:

- Book and publication

Ideal® Jet EX

UNCOATED INKJET. THE IDEAL COMBINATION.

Aesthetically pleasing optics. Uniform surface. Excellent opacity and print quality. This is the ideal uncoated option for a wide range of transactional and commercial printing end uses. Meet your new day-in day-out uncoated paper, designed specifically for inkjet web applications: Ideal Jet EX.

FEATURES:

- True uncoated designed for untreated inkjet applications^
- Uniform dot resolution for high density text and crisp image reproduction
- Higher opacity minimizes show-through
- Designed for consistent on-press performance
- 55 lb. offers potential yield advantage and end-use thickness/weight reduction
- Meets EX standards of service and quality, stocked rolls with intended-for-inkjet roll quality
- 18" roll size stocked with other making roll sizes available, subject to approval. Contact your Billerud representative to learn more.
- Manufactured in the USA with Pride

| Material Number | Basis Wt. | GSM | Size | Diameter | Caliper | Brightness | Opacity | Smoothness |
|-----------------|------------------|-----|------|----------|---------|------------|---------|------------|
| Uncoated | | | | | | | | |
| 395874 | 50 lb. T/20 Bond | 75 | 18 | 50 | 4.0 | 92 | 93 | 150 |
| 395883 | 55 lb. T/22 Bond | 82 | 18 | 50 | 4.4 | 92 | 94 | 150 |
| 396529 | 60 lb. T/24 Bond | 89 | 18 | 50 | 4.7 | 92 | 95 | 150 |

APPLICATIONS:

- Transactional statements
- Promotional inserts
- Direct mail
- Manuals
- Books

Ideal® Caliper EX

CALIPER DESIGNED FOR INKJET. BUILT TO BE DIRECT.

Ideal Caliper EX offers an enhanced print surface in comparison to uncoated freesheet, resulting in better ink hold-out and print quality but with better yield than a coated reply card. Run with Ideal Caliper EX when smooth ink lay, and image resolution is just as important as yield and USPS mailing standards. Performance, yield and availability run after run, now that's ideal.

FEATURES:

- Intended for production inkjet web presses designed to run offset papers^
 - See Ideal® Caliper for heatset printing applications
- Smooth surface for more consistent ink lay
- Approved for heatset printing
- Consistent on press performance
- Excellent printability
- Optimal opacity
- 7 & 9 pt. offerings meet USPS minimum requirements
- 20" roll size stocked with other making roll sizes available, subject to approval. Contact your Billerud representative to learn more.
- Manufactured in the USA with Pride

| Material Number | Basis Wt. | GSM | Size | Diameter | Brightness | Opacity | Caliper |
|------------------------|---------------------|-----|------|----------|------------|---------|---------|
| Direct Mail/Reply Card | | | | | | | |
| 395151 | 7 pt.* (88 lb. T) | 130 | 20 | 50 | 89 | 97.5 | 7.2 |
| 395783 | 9 pt.** (114 lb. T) | 169 | 20 | 50 | 89 | 98.5 | 9.2 |

Noted *7 pt. and **9 pt. minimum caliper items are guaranteed for postal applications. With the exception of noted *7 pt. and **9 pt. minimum caliper items, Billerud manufactures to basis weight, not to specific bulk standards.

APPLICATIONS:

- Direct mail and other commercial printing
- Election and political mail