



pamarco
printing better together

International Edition

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Welcome Message

"As we approach our 80th anniversary, Pamarco continues to focus on quality, people, and innovation. The cornerstone of our business is our deep knowledge of the production of engraved rolls, the printing processes and coating processes associated with them. Over the next few pages, you'll find a brief review of our services and on how Pamarco can assist your business in printing better, coating better and improving your bottom line. Our team of highly experienced and technically trained experts are at your disposal as need arises. Thank you for your business and we look forward to 80 more years of success together."

-John Burgess, President of Pamarco

Highlights from Pamarco's History Timeline

Visit pamarco.com/our-history to view the complete official timeline.

Batavia plant opened & Memco acquired	Atlanta, GA & Dallas, TX plants acquired	Acquired Absolute Engineering UK	Divested offset rubber roll business	Divested gravure printing cylinder
1960s	1980s	2013	2021	2023
1946	1970s	1990s	2022	2024
Pamarco, founded by David Killary & Bill Donahue in Roselle, NJ	Gainsville, GA & California plant opened; First anilox laser installed in Roselle, NJ	Acquired MAB Group in UK, to become Pamarco Europe	Moved Batavia into state of art facility	Acquired Bootle (Base Making) in UK
				New Laser Capacity added in La Palma, CA & Atlanta, GA

Core Values



Togetherness

With a focus on building camaraderie instead of just adding clients to our portfolio, we put emphasis on what really matters: relationships. Everything we do, we do with care not only for our customers but our employees as well. We nurture our team of industry experts who are always ready to customize solutions to your individual needs and enable you to perform at your very best. When we all come together, everybody wins.



Sustainability

We believe innovation is pointless without the ability to deliver superior performance and value. With this in mind, we are committed to the development of sustainable products and services that expand and improve the capabilities of our clients, the industry, and even the world. The future begins with all of us.



Integrity

Integrity is the practice of being honest and showing a consistent and uncompromising adherence to strong moral and ethical principles and values. In this context, integrity is the inner sense of “wholeness” deriving from qualities such as honesty and consistency of character. We will strive for nothing less than full transparency in all aspects of our business – before during and after the sale.



Quality

Quality for Pamarco means maintaining meticulous standards for all our work, no matter how big or small the project. We care deeply about our customers, about providing excellent customer service, and we truly care about achieving remarkable results for our customers. Delivering a world-class product/service that delivers a superior value to our customers is something we strive for every single day.



Passion

Passion is an internal motivator, a following of one's values, one's intrinsic drive to consistently deliver the very best. It's an energy that comes from within directing our thoughts, words, and actions. It's passion that keeps us up late exploring new possibilities. Passion drives us to explore innovative product and service offerings and holds our standards to the highest echelon.

Worldwide Plant Locations

Atlanta, Georgia

500 Wharton Circle S.W.
Atlanta, Ga 30336

Roselle, New Jersey

235 East 11th Avenue
Roselle, NJ 07203

Batavia, Illinois

1475 Nagel Blvd
Batavia, IL 60510

Walton, Kentucky

12209 Chandler Drive
Walton, KY 41094

La Palma, California

6907 Marlin Circle
La Palma, CA 90623

Salzkotten, Germany

Am Schlinge 20
D-33154 Salzkotten

Warrington, UK

New Cut Lane Industrial Estate,
Warrington, Cheshire
WA1 4AQ

Bootle, UK

1-2 Lipton Close, St Johns Road,
Liverpool, Merseyside L20 8PU



Markets Served

Flexible Packaging



Coating and Laminating

Offset Coating



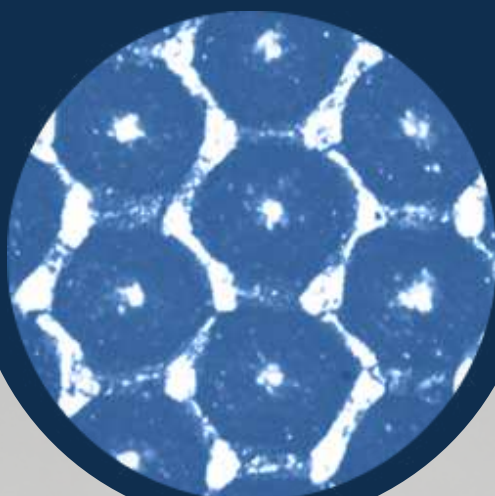
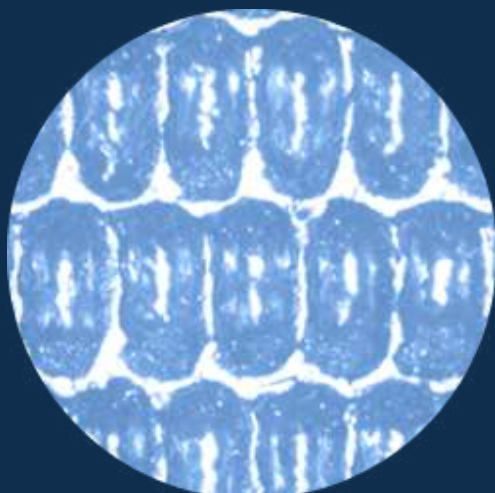
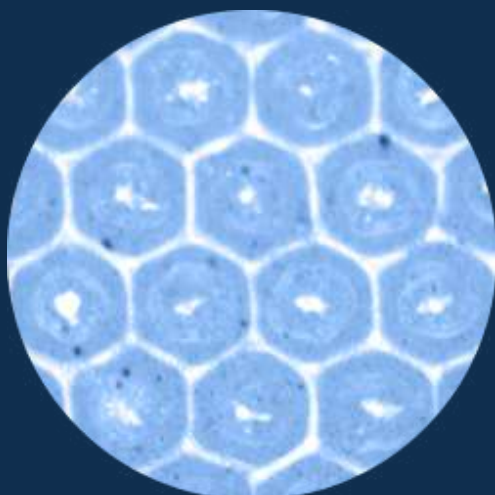
Narrow Web



Corrugated



Laser Engravings



ThermaFlotm

- High-performance 60° engraving
- Multi-Beam laser technology
- Cleaner and sharper highlights
- Consistent ink transfer
- Extended high-definition colour gamut performance
- Reducing scoring and premature cell wear

EFlotm

- Elongated 75° cell geometry
- More efficient ink transfer
- Greater cell replenishment
- Superior solid ink and coating coverage
- Effective on porous substrates
- Effective for extended range of graphics
- Ideal for printing combination plates/graphics

EZFlotm

- A semi-channelled cell geometry
- Available in 30° (shown in left image) or 60° laser engraving
- Excellent release and wettability
- High solids, inks and coatings
- Effective on whites
- Solvent, water-based, UV inks, and coatings
- Improved transfer and wettability
- Reduce spitting/misting



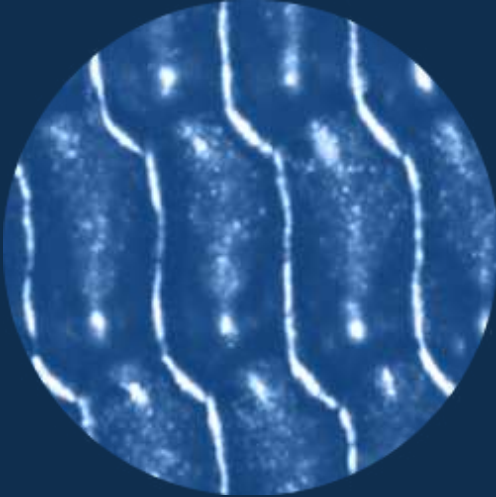
Laser Engravings

EFloXF,tm Elongated 75°

- SEMI channeled cell
- Stops turbulence
- Good on porous substrates
- Good for corrugated board
- Works well for white ink applications

Trihelical

- TH's offer highest transfer characteristics
- High solid large particles applications
- Works well for coatings on corrugated board
- Effective on tactile applications on flexo packaging



What sets Pamarco apart from other providers?

Pamarco offers superior chromium oxide coatings and anilox rolls, utilizing advanced laser technology and customized cell geometries to optimise ink transfer and coating performance.

Our coatings are independently lab tested, featuring exceptionally dense coatings with low porosity.

Our manufacturing process includes precise engraving, rigorous quality control, and a unique post-machine diamond film polishing, resulting in smoother cell walls, better ink release, and increased durability. This comprehensive approach, combined with a consultative customer service model, leads to superior coating performance and an average 20% longer roll life compared to industry standards.



Audits

Audits provide detailed information on the status of your anilox rolls by taking impressions of cells to be analyzed by technicians using specialized software. Anilox roll audit details include volume/BCM/density, cell depth, cell wall width, and engraving. Based on the analysis, you can find out if your rolls are plugged, worn, or damaged and in need of repair. If your rolls are in good shape, an audit provides a starting point for monitoring their condition over time and preparing for the future.

TECHNICAL SERVICE REPORT



Date: 12/12/2019 CUSTOMER: 1234567890123456789012345678901234

LAB REF#: TC-BNY-03:04

Additional comments

BACKGROUND INFORMATION

Date Received: Roll Supplier:
Sales Rep: Press:
Roll Serial No: Print Station:
Date Installed: Metering:
Orig'l Cell Volume: 2.2 Machine No: P1-1001-2301-0

MICRO-FAX ROLL ANALYSIS (at the time of the audit)

Cell Volume (BCM): 2.15 Depth/Opening Ratio: 36%
Cell Depth (µm): 8.71
Cell Opening (µm): 24.1 Wall/Opening Ratio: 5%
Wall Thickness (µm): 1.3

Screen: 1000L/in Angle: 60

CONCLUSION

Effective Cell Volume = 97.7%

* Loss in cell volume is the result of wear, dirty cells or both
* % Effective Cell Volume = Present Cell Volume / Original Cell Volume x 100

OBSERVATIONS

Plugging: None
Wear: None

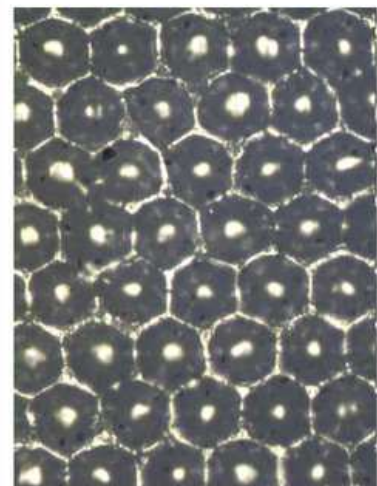
- ☒ Cells are in good condition
☐ Wide cell walls
☐ Broken cell walls
☐ Channeling between cells
☐ Poor cell geometry
☐ Cell wall damage
☐ Low volume

RECOMMENDED ACTIONS

- ☒ Continue Use
☐ Re-engrave
☐ Monitor print quality
☐ May need re-engrave soon
☐ Clean & monitor print quality

Recommendation made by

Approved by



Anilox Cleaning Products



EZ-Clean Scrubbers

Our air-powered EZ-Clean Scrubber provides mechanical action necessary for your roll cleaning in a more automated, reduced labor operation. It is designed to be used on and off press to increase productivity and roll life.



PRS Scrubbers

Same great features of the EZ Clean, but utilizing brushed. Each PRS is compatible with your liquid cleaner of choice and removes the dried ink or coating from the anilox or gravure rolls. Stainless steel brushes for ceramic rolls or brass brushes for chrome rolls.

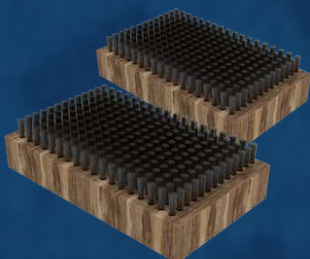
Anilox Cleaning Plate

Designed for the Corrugated Industry

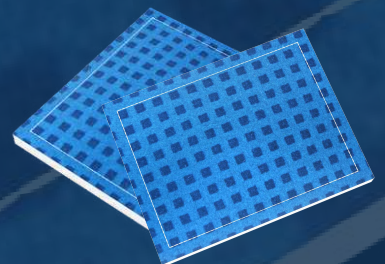
This patented technology is used to clean and maintain anilox roll volume on a preventative maintenance schedule or when needed. It is as easy to install as a printing plate and should be used as part of a complete anilox cleaning program.



CARE® Pads & Brushes



CARE pads are a unique double sided cleaning product which has been specifically designed for use in conjunction with the Pamarco Care range. The fibre strands effectively penetrate the individual anilox roll cells and when used with our solutions, effectively lift any ink/residue and restores cell volume.



Anilox Cleaning Solutions



Pamarco have been supplying the printing industry cleaning solutions for nearly 25 years, with a range of cleaning solutions for all ink/coating types. All our CARE™ solutions are non-corrosive yet highly effective as well as being safe for the operator and the environment – all within safe PH range.

Water Based Cleaning Products

Multi-Kleen

Is a water miscible cleaner and degreaser, designed and developed as part of a full presentative press maintenance system. Formulated using safe and effective detergents and cleaning agents, suitable for cleaning aqueous based inks and coatings from most pressroom surfaces. Specially formulated for use on all types of flexographic plates, anilox rolls, rubber fountain rolls, nip rolls, press frames and press room floors.

Ink Destroyer

Highly concentrated, unique bland, with a diverse solution. Rapid cleaning at near Neutral pH. Works very well with varnishes and coatings

Solvent & UV Based Cleaning Products

Multisolve

Is a water miscible cleaner, suitable for use on all flexographic applications and has been formulated to deal with the most stubborn and troublesome lacquers, varnishes, resins & UV based ink systems. Developed for faster and more effective cleaning as is specially formulated for use on all types of flexographic plates, anilox rolls, nip rolls, press frames and press room floors.

Anilox Paste

Concentrated, highly effective cleaning paste formulated specifically for the removal of aqueous, solvent and UV based inks from anilox rollers.



Proofers

Our handproofer range are industry standards, second to none for experimental and laboratory proofing of flexo inks and other fluid coating and coloring materials. Used on all surfaces: Polyethylene, Cellophane, Glassine, Metallic Foils, Plastic Films, Paper and Paperboard.

Standard Flexo Proofer

Our standard proofer 2 roll construction is easy to use, provides consistent proofs, is high quality, cost effective, and industry standard.

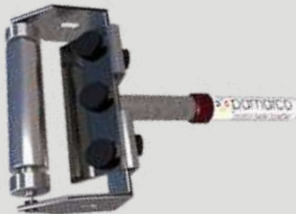


Quick Change Flexo Proofer

Based on standard handproofer with 2 roll construction. Quick anilox changes to fine tune proofs, eliminates need for multiple handles, and is easy to clean.



Rotogravure Proofer



For our gravure customers who need a direct anilox impression on their wide variety of substrates. Doctor blade metering and consistent proofs – easy to use.

IRIS: Precision Proofer

Iris utilizes the company's trusted line of hand proofers in an automatic system removing operator variables to improve consistency.



Learn more at iris.pamarco.com

Press Accessories

Roll Covers



Standard without Edge & Deluxe with Edge

Microscopes

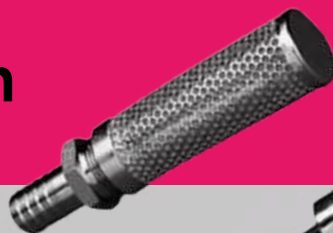


Wireless



200x, 300x & 400x

Filtration



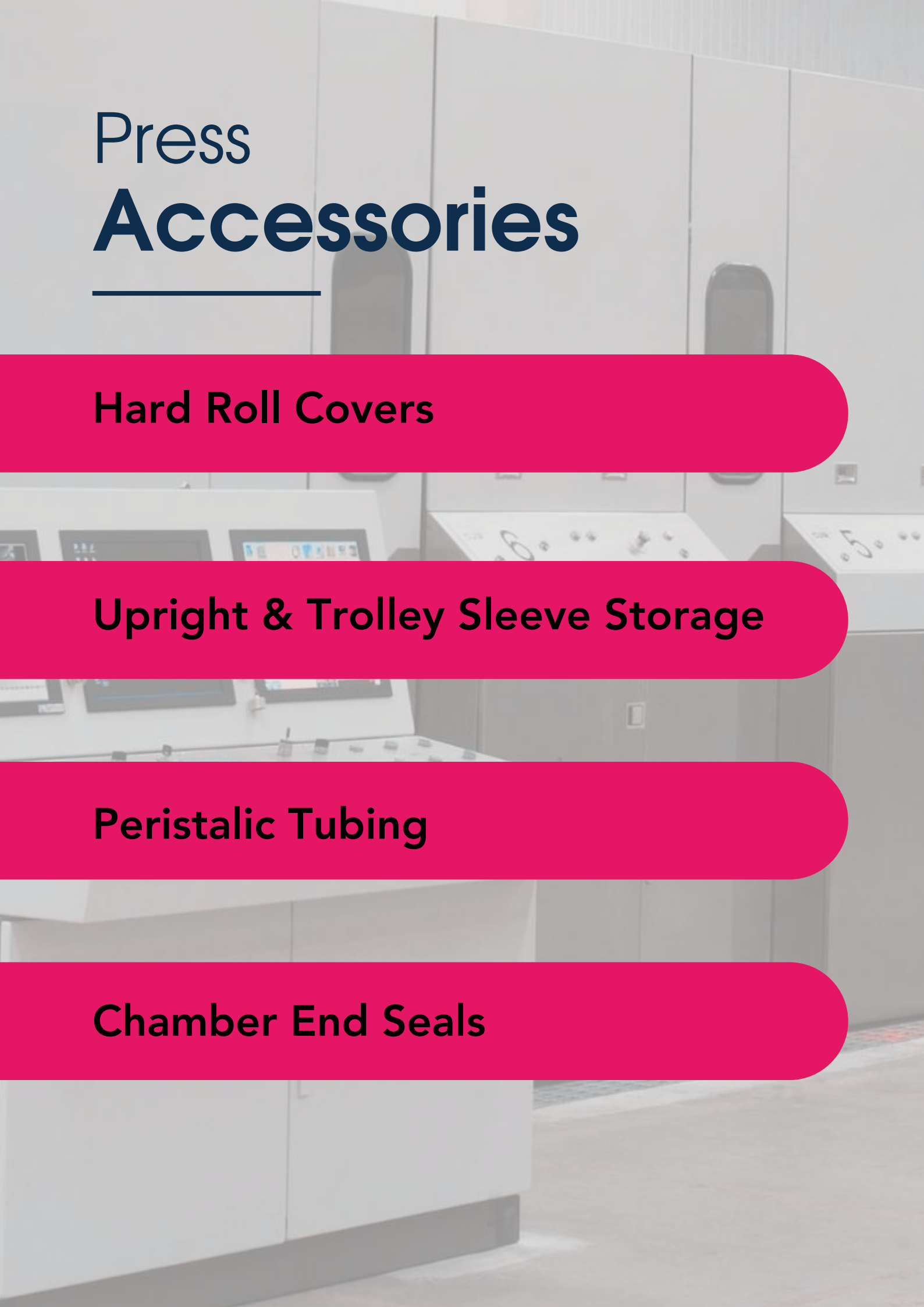
Magnetic Ink
Line Strainer



Magnetic Ink
Line Defender



Magnetic Ink
Filter



Press Accessories

Hard Roll Covers

Upright & Trolley Sleeve Storage

Peristaltic Tubing

Chamber End Seals



Specialists in ink doctoring
and ink management for the
flexo industry.



Discover our range of products
absolute-eng.com

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Part of the Pamarco family





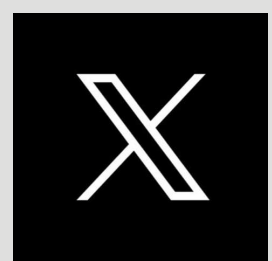
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Building on decades of proven success and innovation, Pamarco passionately strives to be the preferred, trusted supplier of world class sustainable anilox products and services for the packaging and print industries.



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