Afflatus

YOUR PRINTING PARTNER



ITR Sleeves

PRINT INSIGHTS

www.afflatusgravure.com



Flexographic printing is now joint free.

Flexographic printing has now evolved to operate without joints, making it a perfect option for decorative printing. Thanks to ITR photopolymer sleeves, a variety of surfaces-including PVC, paper and film-can be printed seamlessly.

In industries where seamless visual flow defines product quality—like decorative laminates, luxury wallpapers, high-end gift wraps, and designer surface materials-even a slight joint or misalignment can break the illusion.
While these products were traditionally printed using rotogravure, they can now be **seamlessly produced on Flexo CI-presses using ITR (In-The-Round) photopolymer sleeves** offering joint-free, high-definition printing with greater efficiency.

At Afflatus Gravures, we didn't just adopt this technology-we've mastered and localized it, making seamless printing in India not only possible but also scalable, sustainable and economically viable. Today, we're helping brands print everything from natural oakpatterns on laminates to holiday-themed gift wraps-with zero seams and maximum impact.

Gift and Wallpaper

ITR Sleeves: Engineered for Seamless Perfection For Decorative Laminates, Gift Wraps & Wallpapers

Unlike traditional flexo plates or rotogravure cylinders, ITR sleeves are created in a single, seamless photopolymer layer. This eliminates visible join lines and misalignment issues- offering a smooth, uninterrupted design flow across the entire print surface.

Key benefits include:

- ☐ High-resolution imaging & sharp detail
- ☐ Perfect registration across long runs
- ☐ Zero seam lines or pattern breaks
- ☐ Low ink consumption
- ☐ Reduced press downtime
- ☐ Shorter Turn Around Time

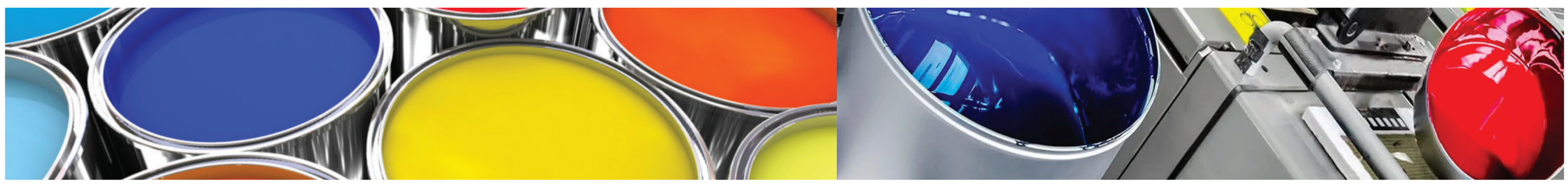




Wallpaper

In the decorative laminates industry, pattern precision and repeat consistency are non-negotiable. Whether it's a realistic oak grain, concrete slab look, or worn metal finish, **ITR sleeves ensure:**

- Flawless pattern reproduction, even on large panels
- Minimal ink wastage, ensuring cost-effective production
- Consistent color density, critical for surface durability and design integrity
- By switching to ITR technology, their is a notable reduction in ink consumption—without compromising color vibrancy or surface coverage. That’s not just smart printing; it’s smart business.

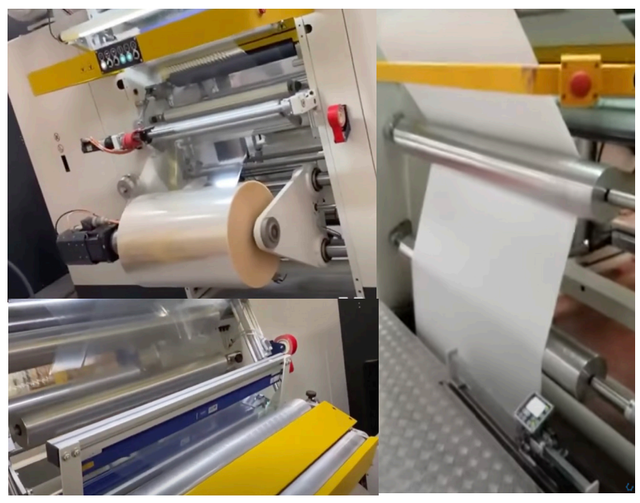


Wallpaper Printing: Seamlessness Meets Storytelling

Wallpaper designs often act as focal points in spaces-they tell stories, set moods and define environments.
With ITR sleeves, we help brands achieve:

- **Seamless repeatability,** crucial for multi-panel alignment
  High-definition reproduction, whether for fine florals, vintage motifs, or modern geometrics
- **Even ink laydown and low consumption,** perfect for both matte and glossy finishes
  Afflatus technology supports eco-friendly ink systems, including **water-based options-**allowing wallpaper manufacturers to meet the increasing global demand for **sustainable decor.**

Afflatus Gravures: Pioneering Seamless Printing in India



Our ITR sleeve division is not just keeping pace with international standards-it's driving them forward. We've helped Indian converters and surface design companies move from conventional systems to high-efficiency, low-waste, seamless printing solutions. From wood textures that feel real, to panoramic wallpapers with no visual breaks, our ITR sleeves are redefining how India prints its surfaces-faster, cleaner, sharper.

Closing Thought

At Afflatus Gravures, we believe print should be invisible in execution and unforgettable in impact. With our ITR photopolymer sleeve technology, brands no longer have to choose between beauty, performance or sustainability-they can have it all.

Let's shape the future of surface printing-seamlessly.

Certifications: A Mark of Excellence

Our pursuit of quality and excellence is validated by the numerous certifications we've received, ensuring we meet the highest international standards

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