

# Revolutionizing non-contact textile finishing with total process control

TexCoat G4 enables a continuously high-quality finishing process with zero chemistry waste and minimized water and energy consumption.

TexCoat G4 utilizes Precision Application Technology (PAT), a non-contact textile finishing system enabling a high spray intensity and deep impregnation, even on thick fabrics.

## Enhanced process and product quality

The exact amount of chemistry required is consistently and uniformly sprayed across the textile surface and applied only where it is needed – on one or both sides of the fabric. As only the necessary amount of chemistry is applied, the wet pick-up levels are reduced by up to 50% compared to conventional finishing methods, leading to 50% decreased water consumption as well as 50% less energy for drying. The low wet pick-up rate together with the single-side spray

application can eliminate entire process steps for e.g. laminated fabrics and upholstery textiles. With the non-contact PAT, you don't have to worry about chemistry dilution in wet-on-wet applications or any bath contaminations. Moreover, there will be zero downtime in fabric changeovers.

## Sustainability leading to profitability

In fabric or chemistry changeovers, 100% of the chemistry is recycled with zero waste. In combination with reduced energy, water and chemicals consumption, TexCoat G4 ensures a sustainable and financially beneficial textile finishing process.

## Advantages of using the TexCoat G4

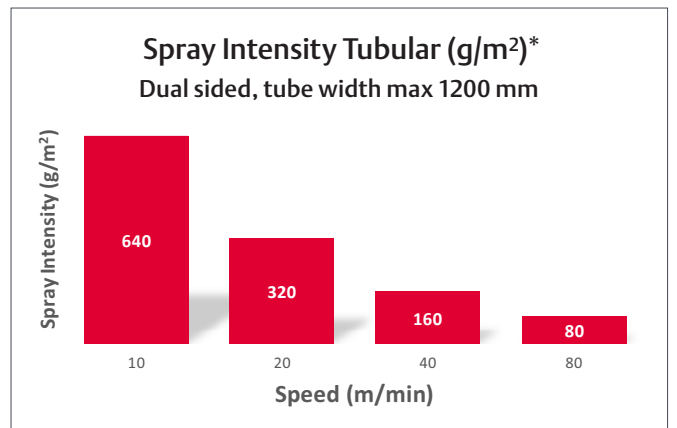
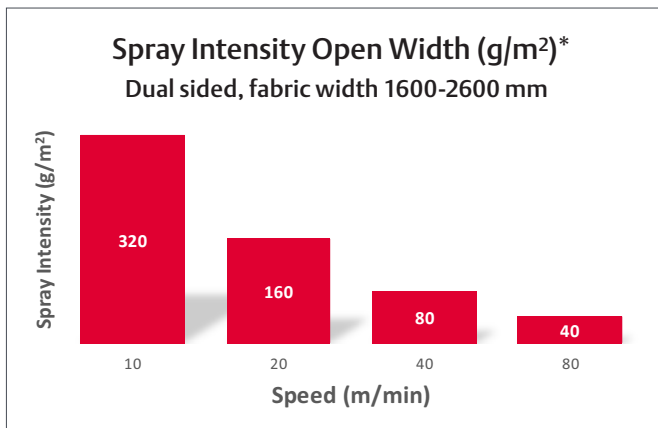
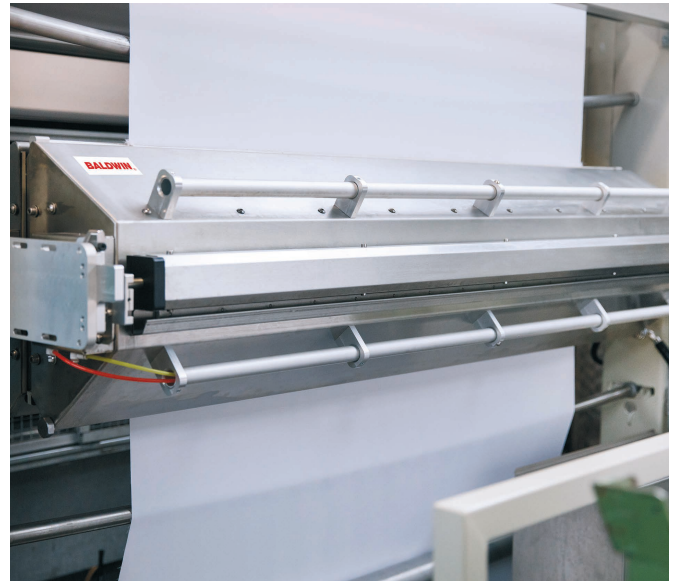
- Non-contact spray application
- Zero chemistry waste on job changeovers
- Zero chemistry contamination with fabric color leading to no downtime or waste on color changeovers
- Easy maintenance thanks to automated cleaning routines
- Single or dual-sided spray application
- No chemistry dilution in wet-on-wet applications
- Easy and fast job changeovers
- Full process control and visibility via real-time system monitoring
- Sustainability leading to profitability

**Automated cleaning increases the uptime**

The automated end of job wash of TexCoat G4 considerably increases production uptime while reducing time for service and maintenance. Featured with in-cycle cleaning functionality, the system enables water-repellents and other polymer-based chemistries to be ran with confidence.

**Total process control – Industry 4.0**

To ensure total process control, job changeovers are performed fast and easily due to the system’s recipe management with automated chemistry and coverage selection. The system offers unprecedented tracking and control of the finishing process via real-time monitoring of the system. The production reporting package provides monitoring of system uptime, performance per shift, and chemistry usage per job. The Active Care Alert package provides advanced system diagnostics, tracking and notification of valve rail cycles and deep cleaning intervals and more. You will always have full control of your textile finishing process.



\*The exact coverage on fabric is depending on the fabric characteristics. Chemistry to be formulated for spray application with maximum viscosity at 8mPa · s.

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