

# PRINT QUALITY SERVICES

FPIinnovations has a well-recognized scientific laboratory offering a wide range of knowledge, equipment and expertise to the paper and printing industries. Paper companies, printers, and printing suppliers take advantage of our unique services to resolve print quality problems and to support new product development.

## YOUR BENEFITS

- ◆ Improved press efficiency
- ◆ Cost savings
- ◆ Customers' satisfaction
- ◆ Innovative results

## OUR EXPERTISE:

- ◆ Benchmarking, troubleshooting, mediation
- ◆ Support for product development / product improvement
- ◆ Pressroom trials
- ◆ Professional courses and training

## OUR SERVICES

- ◆ Linting and Piling
- ◆ Ink and fountain solution issues
- ◆ Visual quality defects
- ◆ Paper surface defects and marks
- ◆ Press and blanket contamination analysis
- ◆ Paper structure: fibre/filler distribution



## OUR FACILITIES:

### Laboratory presses

- ◆ Prüfbau (Heatset & sheetfed offset)
- ◆ IGT A1C2-5 (Coldset offset, gravure)
- ◆ IGT F1 (Flexography)

### Surface strength

- ◆ FPIinnovations Lint Test (image area)
- ◆ LP Tester (non-image area lint)
- ◆ Domtar Lint Collector (on-press lint)
- ◆ Wet & dry pick

### Microscopy and Image Analysis

- ◆ FE-SEM, light and fluorescent microscopes, confocal microscope

### Paper surface characterization

- ◆ Optical profilometers, contact angle tester, absorption tests

### Paper structure tests

- ◆ Mercury intrusion, sheet splitting, FQA, micro-formation tests

*When you need it, we combine our efforts and expertise with other groups at FPIinnovations. Among them are:*

- **Web Performance**
- **Analytical Services Product**
- **Performance Testing Mechanical**
- **Chemical Pulping Pilot Paper**
- **Machine Environmental Services**

## CONTACT

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