

## **Online Dryer**

Dry Output from your digital LFP system

# **Benes Int. BVBA**



## **OnlineDryer**

### **Drying Capacity on Digital Printing Systems**

Benes Int. BVBA  
Industrieweg 3  
3001 Leuven Belgium  
[www.onlinedryer.com](http://www.onlinedryer.com)  
Phone: + 32 16 40 19 52

Tom Lambers  
[tom@benes.be](mailto:tom@benes.be)

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## Drying Test

### Purpose

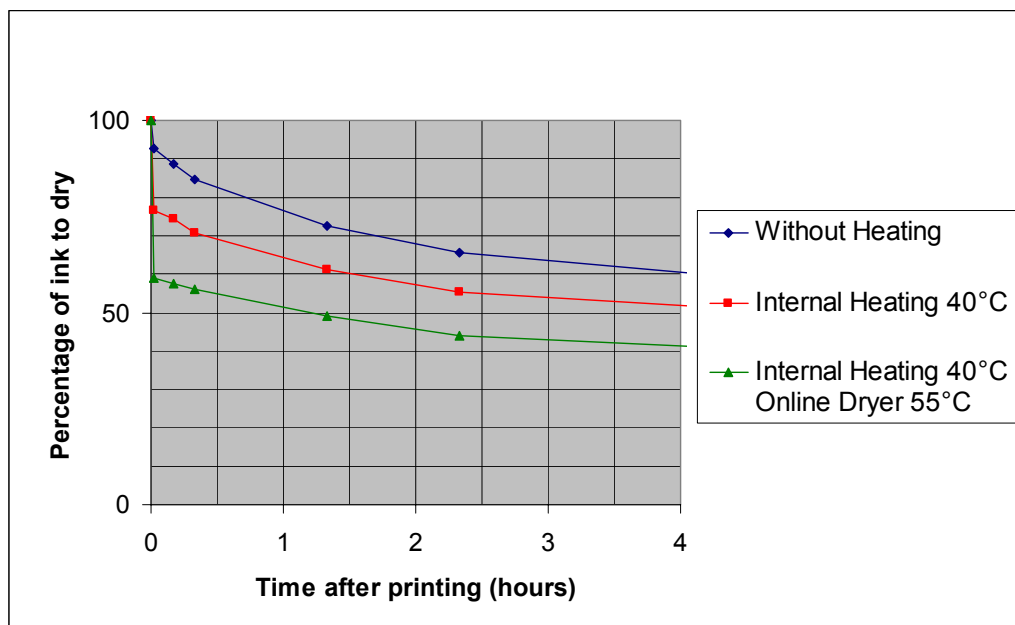
The purpose of this test is **to measure the performance of the drying capacity on digital printing systems**. To analyse this 3 different degrees of heating have been applied:

- without heating
- internal heating 40° Celsius
- internal heating 40° Celsius + Online Dryer 50° Celsius

### Data

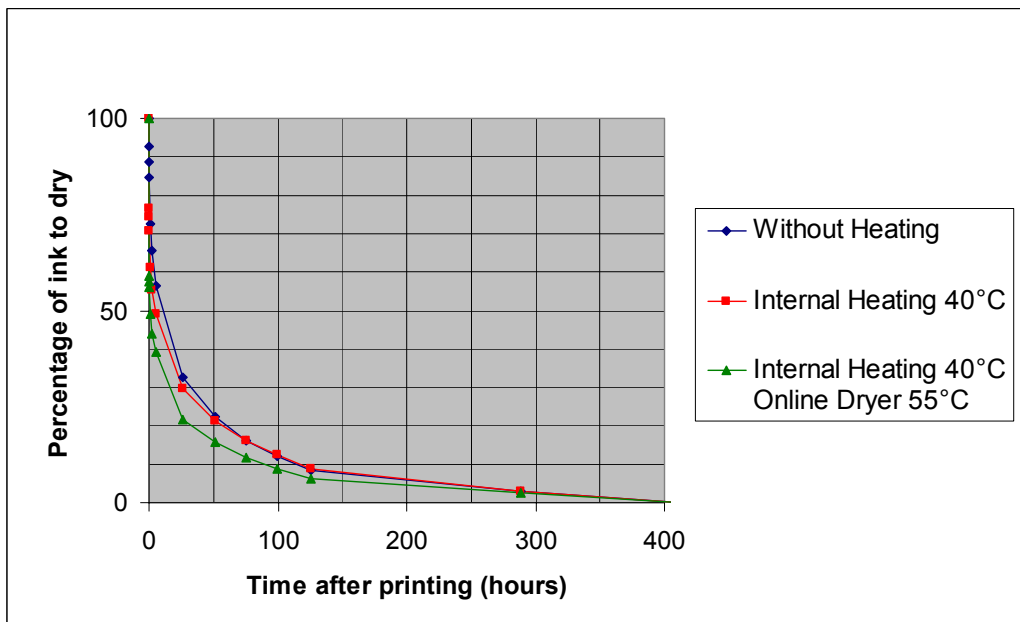
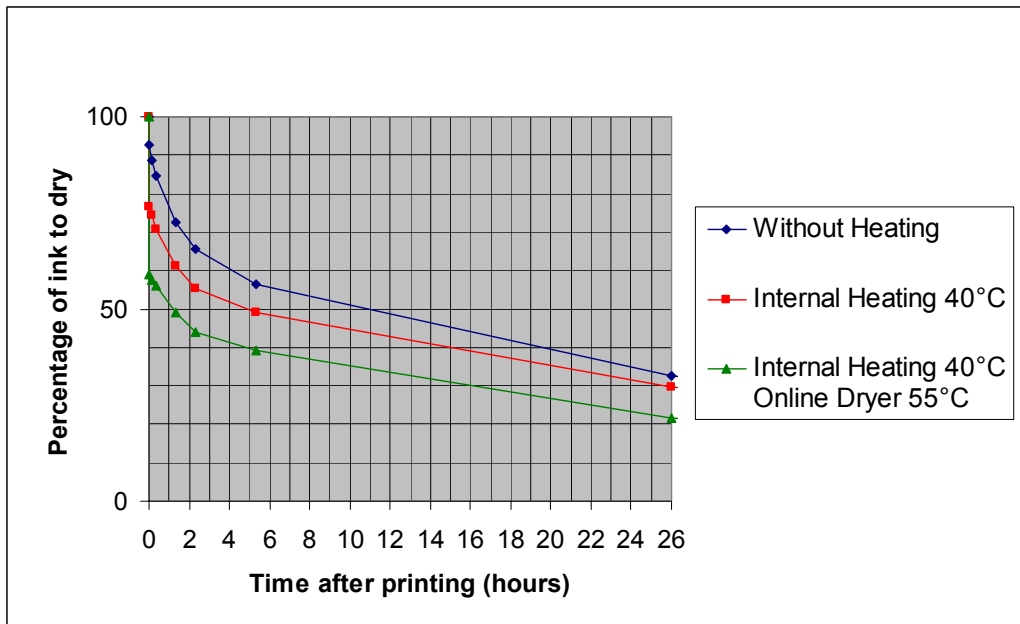
Printer: Roland VersaCamm SP-540V  
Printing Speed: Standard  
Ink: Roland ECO-SOL MAX (Cyan + Yellow)  
Vinyl: Multifix 6010

### Results



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### Conclusion

The most eye-catching outcome for this drying test is the following:

- Immediately after printing **more than 40% of the ink is evaporated when using the Online Dryer** (the surface is hand dry). To obtain the same result without the Online Dryer you have to wait for 2,5 hours or even longer (without heating).

We could do the same exercise for other measurements:

- With the Online Dryer **50% of the ink has dried after 1 hour** compared to 5 hours only with the internal heating system or 11 hours without heating system.
- **After 1 day 80% of the ink liquid is gone** (Online Dryer). Without Online Dryer you have to wait for 2 days to get the same result.