

Testing conditions:

Printability tester	AIC2-5	art.nr. 414
Printing disc	covered with coated rubber, 80 Shore A, 50 mm wide	art.nr. 402.033
Printing force	625 N	
Printing speed	0.2 m/s, constant	
Packing	none	
Ink	IGT set off ink	art.nr.404.003.002
Ink film thickness on printing disc	8 ? m	

Method of operation:

1. Apply the ink to the inking unit, distribute the ink and ink the printing disc.
2. Make a print on the paper to be tested following the testing conditions as mentioned.
3. After 5 hours measure the difference in whiteness on the back of the paper strip on the place where the paper has been printed (R_b) and on the place where the paper has not been printed (R_w).
4. Calculate the printing through as:

$$\text{Printing through} = (R_b : R_w) \times 100\%$$