

TECHNICAL SPECIFICATIONS OF MICROCAPSULES

Based on Euracli expertise, the waterproof microcapsules containing perfumes and flavorings (EuraScent®) or pigments (EuraTherm®) are incorporated in special varnish or aqueous mixtures that are applied as inks or varnishes during printing process.

The printed microencapsulated documents offer a true olfactory restitution when rubbing the printed surface or amazing color variations depending on the temperature.

MANUFACTURING PROCESS

Formulation

The compounds used in the perfume microcapsules are formulated on

- the perfume composition provided by the perfumer
- fragrances created with compounding partners
- aromas, smells or scents from Euracli's catalogue of aromas and scents.

Tests

Printing tests are carried out on the desired substrate (paper, cardboard, plastics or fabrics)

- Objective 1 : verify that the microcapsules release all the perfume notes
- Objective 2 : choose the right perfume intensity

Once the olfactory "proof" has been agreed upon, Euracli enters the formula production phase.











Production and delivery

For the printing phase, the microcapsules are incorporated into a binder or a varnish.

The documents are printed based on the decisions made during the test phase.

HIGH-QUALITY RESULTS

EURACLI has developed products that are adapted to printer equipment in order to get the best results.

Equipment	FlapScent®	TestScent®	VarnishScent®	Adhésive Labels
Screen printing with hot air oven				
Rotary flexoprinting	 Coldset	 Hot air	 Hot air	 Hot air IR
Heliographic printing		 Hot air	 Hot air	 Hot air
Offset paper			 Hot air IR	
			Oil varnish Without drying	

EURACLI provides the support and advices you need to ensure the best treatment for your prints.
Contact us!