Micro-Fragrance Encapsulation Technology

- Micro-fragrance is a technique for trapping Scent inside seal-tight 4-8µm microcapsules that are supplied to a substrate during the printing process. When the substrate is rubbed, the perfume is released with all of its substances.

- The process of the encapsulation of the perfume is formulated as follows:
  - Perfume composition provided by the perfumer
  - Scent supplied from the aroma library of microencapsulation specialist.

- Printed tests are carried out on paper to verify perfume strength in capsules prior to final production.

- In printing, the microcapsules are incorporated into a slurry or varnish.
Note: Up to 8 different micro-fragrances can be printed simultaneously with the GWF Perfecting Fragrance Applicator.
Microcapsules contained in a matt or gloss acrylic varnish
Perfume is liberated simply by rubbing the printed surface

- Application:
  - Brochures / Flyers / Postcards / Catalogues
- Market:
  - Bookmarks, label perfumes, packaging, games, educational materials...

Rub here to experience the scent of IMARI SEDUCTION

Rub here to experience the scent of BALI BLISS

Rub here to experience the scent of hot blossom
FRAGRANCE APPLICATOR – Scent Strip

Scent - Strip

Pan Roll
Transfer cylinder
Plate cylinder
Plow Folder
Fold Creaser
Nip Roll
Open Flap & smell scent

Pan Roll
Apply Fragrance here
Paper

impression roll
Fold Flap here

GWF - WET FLAP FRAGRANCE APPLICATOR
✓ Microcapsules are printed inside a folded flap.
✓ Once the flap is opened, the microcapsules rapture and the perfume is liberated.

✍ Application:
   Magazine Inserts

✎ Market:
   Magazine, Catalogues, commercial...
Thank you for your interest in GWF

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