

# Film usage reduction by adopting surface printing and EB top coatings

## Elex-one® coating

■ Surface printing + EB top coat allows "pre-lamination" and "film reduction"

### Environmental aspects

- Fewer layers, less film, lighter weight
- Mono-materialization
- Reduction of CO<sub>2</sub> emissions
- Solvent-free

### Productivity aspects

- Suitable for small lots
- Suitable for short delivery times
- Reduction of processes and labor
- Aging-free
- Pre-lamination

## EB top coating

\*Suitable for a wide range of underneath ink such as digital (for example Indigo), gravure, flexo, etc.

### Current



Weight reduction (23%)



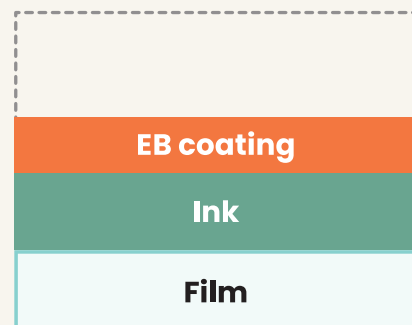
Process reduction



Without laminating adhesive (short delivery time)



### With EB coating



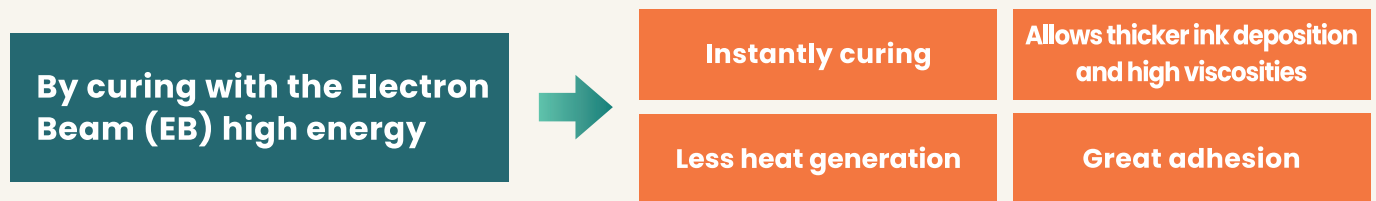
※Patented

# Completely solvent-free flexible paper packaging

## FLASH DRY® EB Series (offset printing)

- Enabling solvent-free printing and instantly curing thanks to EB irradiation.
- Because it is offset, it is also suitable for short and medium runs (in comparison with rotogravure)

### Features of the EB printing (compared to offset UV and LED inks)



### Features of the FD EB series

- \* Compliant with Japanese and European regulations (Swiss Ordinance, Nestle Guidance, Negative List)
- \* Without photoinitiators (low odor, less yellowing)
- \* Excellent heat resistance and solvent resistance
- \* Suitable for a wide range of applications and substrates from paper to several types of film
- \* Safe for the operators thanks to the combination of unique raw materials

※Patented