

UV Curable Dry Peel Adhesives

TUVD-451 is an UV (VOC-free) temporary or dry peel adhesives used for transfer film manufacturing or dry peel coupons. **TUVD-451** is intended for flexographic printing and provides a good release.

Printing

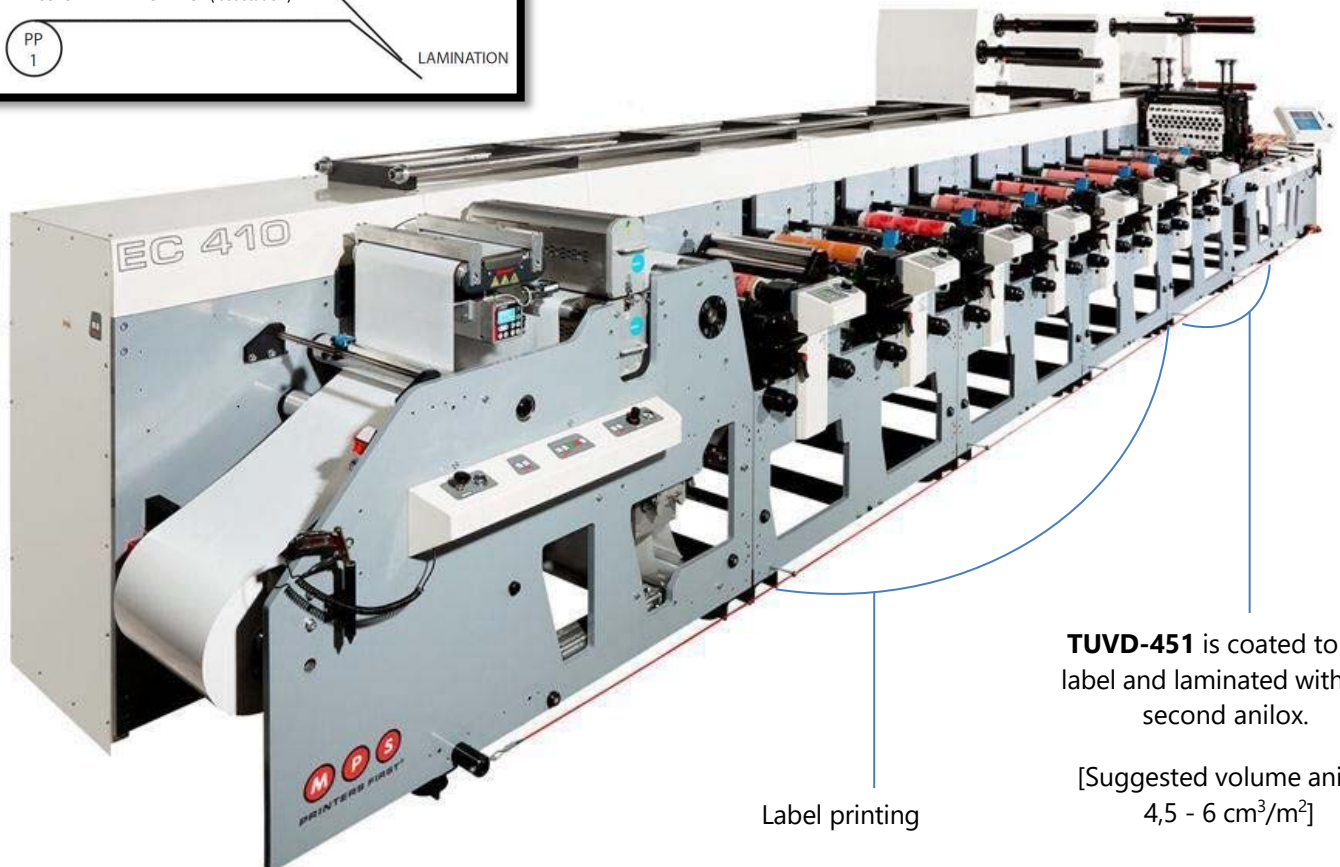
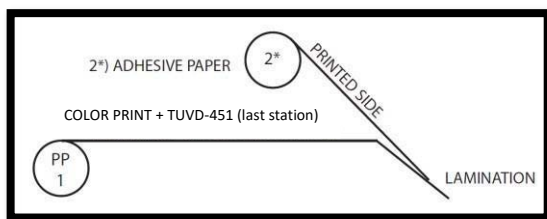
TUVD-451 should be evaluated at different coat weights depending on the substrate nature and the print speed.

Start at a low coat weight and increase coat weight as needed to achieve optimal printability and drying.

TUVD-451 is intended for film and paper substrates. Adhesion tests should be made prior to industrial production.

- **Dry Coat Weight Indication:** Apply 1,5 - 5 g/m² dry coat weight depending on substrate.
- **Drying:** UV radical
- **Directions for use:** Stir well before use

TUVD-451 is applied on a label material in solid, then it is laminated by an adhesive layer (without silicon liner).



Adhesive properties

○ **Physical properties**

- Chemical nature: Proprietary Mixture Polymer
- Appearance: Translucent liquid
- % solids: 100%
- Viscosity: 250 – 350 cP (23°C)

○ **Storage**

- 12 months after the ship date in a closed container.
- Keep in a ventilated space between 15°C – 30°C.
- Do not expose to light.

○ **Packaging**

- Black pail (5 / 10 / 20 liters).

Cleaning

Spring also supplies cleaning solutions:

- **SoftClean** Maintenance cleaner for anilox cylinders; effective for UV and water-based inks and Coatings.
- **UV-499** Cleaner for UV coatings and inks
Careful: can swell photopolymer plates