

Solvent-based Adhesives for Film Lamination

Application

- Adhesives for plastic films / sheets
- Adhesives for metallic foils

Characteristics

- Two-component adhesives excellent in adhesion to flexible PVC / TPU films, and applicable to gravure coating for thin films.
- Product lineup: E series suitable for PET substrates; A-601E suitable for various substrate materials including metallic foils.
- Consisting mainly of ethyl acetate, and also utilizable as toluene/xylene-free adhesives.
- Capable of improving heat-resistance and durability depending on hardeners selected.

E series

Ester-based solution adhesives, available as semi-non-yellowing and non-yellowing types depending on hardeners selected.

A-601E

Polyester urethane-based solution adhesives, available as semi-non-yellowing and non-yellowing types depending on hardeners selected.

Representative Products

■ Main component

Product name	Non-volatile component (%)	Viscosity (dPa · s/25°C)	Solvent composition	Recommended hardener	Compounding ratio (specific gravity ratio), main component:hardener	Application and characteristics
E-256-40	40	10~20	TOL, MEK	C-76	100 : 3.2	Adhesion to PET, High-Tg
E-295	60	35~50	EA, TOL	C-26	100 : 20	Applicable to PET film
E-295NT	60	35~50	EA	C-75N	100 : 10	Toluene-free type of E-295
A-601E	60	14~30	EA	C-84	18 : 3	For various types of films, metallic foils

■ Hardener

Product name	Non-volatile component (%)	Viscosity (dPa · s/25°C)	Solvent composition	Application and characteristics
C-26	40	0.01~0.03	EA	Diluted type of C-76
C-75N	75	1~6	EA	Non-yellowing
C-76	75	5~20	EA	Standard grade
C-84	60	0.2~1	EA	Semi-non-yellowing

TOL= Toluene, EA= Ethyl acetate

* The values shown above are typical values, not standard values.