

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	1.0~6.0	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.

