

## LIOELM® TSU0041SI” Series

### [Characteristics]

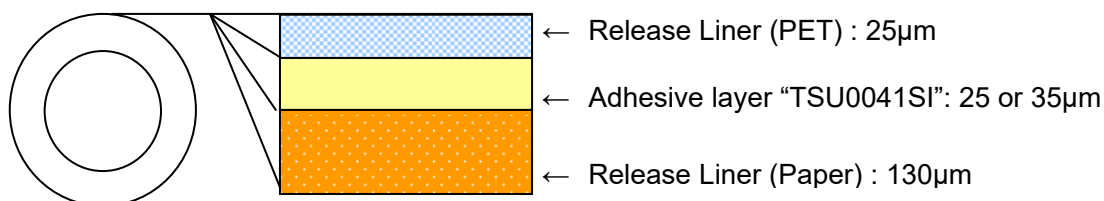
Heat-curable adhesive sheets LIOELM TSU0041SI series is designed mainly for FPC applications.

Has excellent adhesion to Polyimide / 2-layer CCL / Glass-epoxy / AL / SUS

Once cured, it shows extremely high-heat durability (260°C solder reflow condition)

\* UL authorized

### [Structure]



### [Technical Data]

		Units	TSU0041SI-25DL	TSU0041SI-35DL
Thickness of Adhesive Sheet			25	35
Thickness of Release Liners	Release liner① (Paper)	µm	130	
	Release liner② (PET)		25	
Peel Strength	To PI	Normal	More than 15	More than 15
		After reflow	More than 15	More than 15
	To FR-4	Normal	25	25
		After reflow	CCL broken	CCL broken
To SUS		20	20	
Solder Reflow (260°C peak)		—	Pass	Pass
Solder Floating (260°C×1min.)		—	Pass	Pass

Above data is our self-conducted test result but not our guaranteed performance.

<Peel strength Measurement Conditions>

- Structure : 2-layer CCL / TSU0041SI / Kapton500H (or FR-4)
- Laminating Conditions : Laminate 80°C → Press 150°C×2MPa×1min. → Post Cure 160°C×1hrs.
- Peel Speed : 50mm/min.
- Peel Angle : 90°

### [Recommended Lamination Condition]

Vacuum Press at 150°C×2MPa×1min. + Post Cure at 160°C×1hr

### [Notice of Storage Condition]

Please store this product under 10°C / 70%RH refrigerated condition.

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