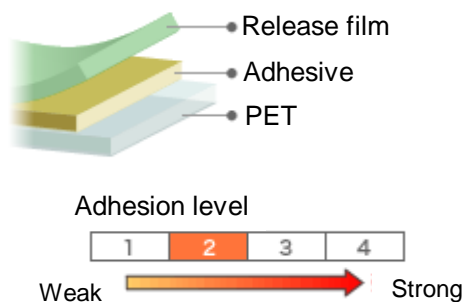


FPC manufacturing process tapes PET8285

Features

- PET film base with weak pressure sensitive adhesive.
- Using removable adhesive with a spec of no adhesive transfer to the substrate.
- Non-Silicone release film (PET).
- The adhesive compound does not cause color change in gold plated part.

Structure



Product name	PET8285
Main component	Acrylic
Carrier	125µmPET
Color	Transparent
Tape thickness (µm)	About 130
Release film thickness (µm)	About 25
Bonding strength (N/20mm)*	0.2
St'd size (width & length)	250mm × 200m

* 180° peeling strength (Substrate: Polyimide)

Suitable use

- Ideal for carrier tape used during FPC transportation and (Die-cutting Half cutting)

Technical data

1. Bonding strength (180° peeling)

<Test piece condition>

Substrate: Polyimide film

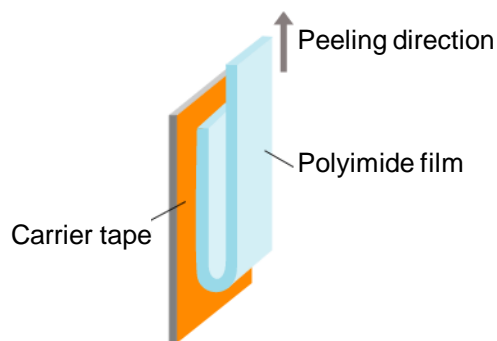
Tape width: 20mm

Bonding condition: One stroke with 2-kg roller

Measuring condition: 23°C±5°C 60%±20%RH

Peeling speed: 300mm/min

[Left at RT for one hour before measurement]



<180° peeling strength test>

<Results>

(N/20mm)

Product name	PET8285
180° peeling strength	0.2

2. Testing color change of the gold plating

<Test piece condition>

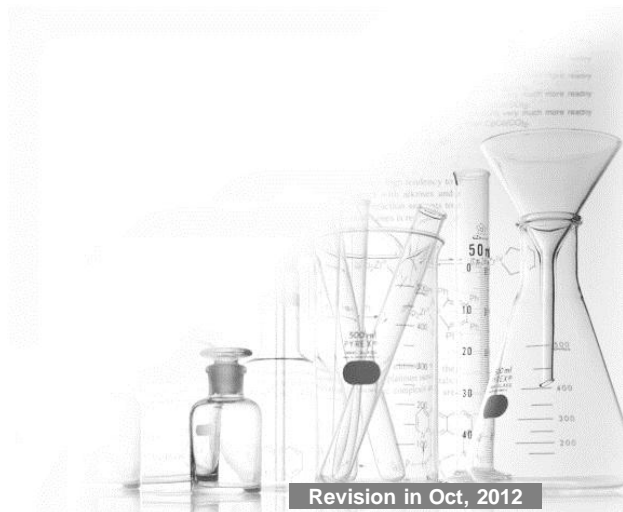
Substrate: FPC gold plated part


Bonding condition: One stroke with 2-kg roller

[Left at 80°C for one week after laminating of PET8285 to gold plating of FPC, and observe the gold plating after removing PET8285]

<Results>

Product name	PET8285
80°C1week after	No color change (No adhesive transfer on gold plated part of FPC)



 Note on the characteristic data given— Data on the characteristics of the products described in this catalog are based on the results of evaluations carried out by the company. This does not guarantee that the characteristics of the product conform with your usage environment. Before use, review the usage conditions based on evaluation data obtained from the equipment and substrates actually used.

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