

Protective thin-film adhesive sheets (For resist protection during PCB production, etc.)

ASPET12-Y205 series

PET12-Y205 series

Outline

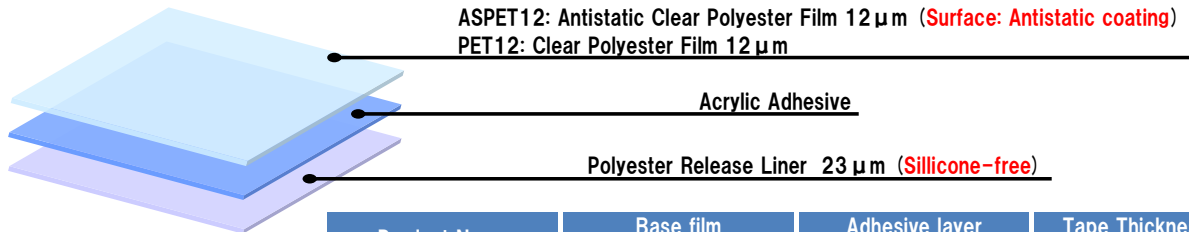
ASPET12-Y205, PET12-Y205 series are protective adhesive sheets made of a thin polyester film coated with an acrylic adhesive that has good adhesion and easy peelability.

It is silicone free.

ASPET12 is coated with a conductive polymer-based antistatic agent, making it highly conductive and antistatic.

Ideal for applications such as resist protection during printed circuit board production.

Structure



Product Name	Base film (μm)	Adhesive layer thickness (μm)	Tape Thickness ※ (μm)
ASPET12-Y205 (10) SFL	12	10	22
ASPET12-Y205 (3) SFL	12	3	15
PET12-Y205 (10) SFL	12	10	22
PET12-Y205 (3) SFL	12	3	15

※Excluding separator

Properties

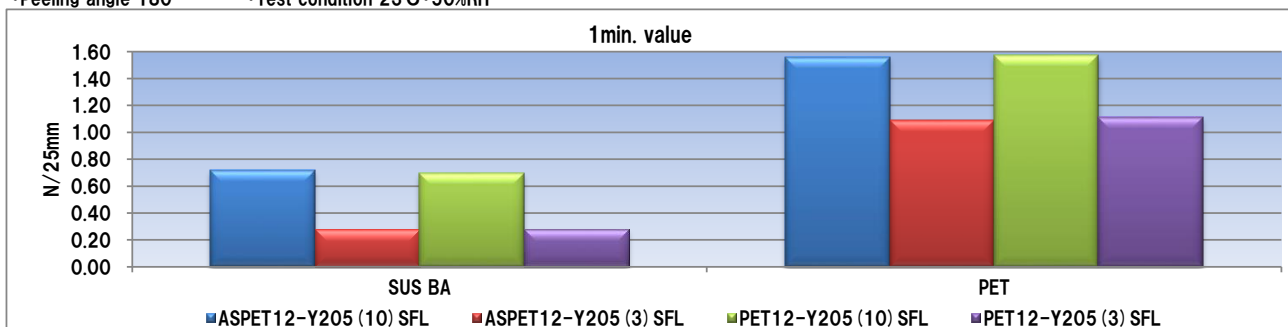
◆Adhesive strength

Substrate	ASPET12-Y205 (10) SFL		ASPET12-Y205 (3) SFL		PET12-Y205 (10) SFL		PET12-Y205 (3) SFL	
	1min.	24hrs.	1min.	24hrs.	1min.	24hrs.	1min.	24hrs.
SUS BA	0.72	0.88	0.28	0.42	0.70	0.87	0.28	0.42
PET	1.56	1.68	1.09	1.26	1.57	1.70	1.11	1.25

Unit: N/25mm

【Test method】

- JIS Z 0237 (2000)
- Peel Speed 300mm/min
- Peeling angle 180°
- Test condition 23°C•50%RH



Properties

◆Release Liner peel force

ASPET12-Y205 (10) SFL	ASPET12-Y205 (3) SFL	PET12-Y205 (10) SFL	PET12-Y205 (3) SFL
0.07	0.05	0.07	0.05

Unit: N/50mm

【Test method】

•Peel Speed 300mm/min •Peeling angle 180° •Test condition 23°C・50%RH

◆Optical properties

	ASPET12-Y205 (10) SFL	ASPET12-Y205 (3) SFL	PET12-Y205 (10) SFL	PET12-Y205 (3) SFL
Total light transmittance	90.8	90.6	90.2	90.1
Haze	2.8	3.0	1.9	2.0

Unit: %

【Test method】

•Total light transmittance: JIS K7361-1 Compliant

•Haze: JIS K7136 Compliant

◆Antistatic property

	ASPET12-Y205 (10) SFL	ASPET12-Y205 (3) SFL	PET12-Y205 (10) SFL	PET12-Y205 (3) SFL
Surface resistance	1×10^6	1×10^6	$>10^{12}$ ※	$>10^{12}$ ※

Unit: Ω / \square

【Test method】

•Measured temperature: 23°C・50%RH •Applied voltage : 100V×15sec.

•Measurement device : ST-4 (SIMCO JAPAN)

※Above measurement limit

Notices

Attach after wiping off oily, dusty and moisture substances on the surface of the adherend you may use.

Give an enough pressure when attaching, under the temperature condition over 10°C as possible.

Store it in a cool, dark place away from direct sunlight.

These data are representative so as not to guarantee for your conditions, nor do they for the wide range of each application described in this technical information.

Examining the compatibility of the adherend material with our product in advance, make a decision of starting to use.

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