

## ASPET75-Y2 series

### Outline

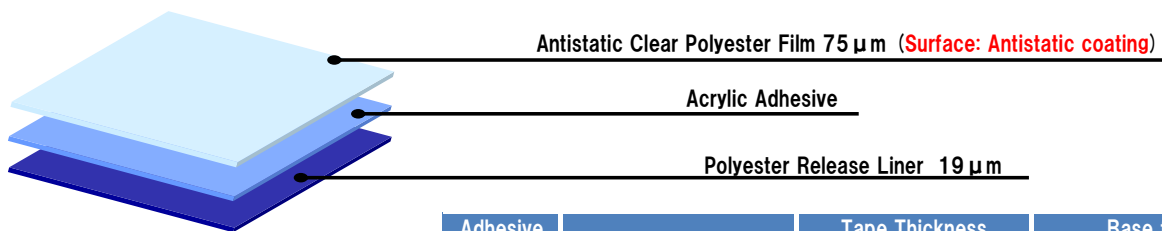
ASPET75-Y2 series is an adhesive sheet based on a antistatic transparent polyester film and coated with a slightly adhesive type acrylic adhesive.

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

In addition, there is no humidity dependence and no bleed-out (transfer) occurs.

It is used as a carrier film or protective film during processing because of its excellent removability and easy peeling with light release.

### Structure



Adhesive strength	Product Name	Tape Thickness (μm)	Base film (μm)
low high	ASPET75-Y250 (10)	85	75
	ASPET75-Y220 (10)	85	75
	ASPET75-Y210 (10)	85	75

### Properties

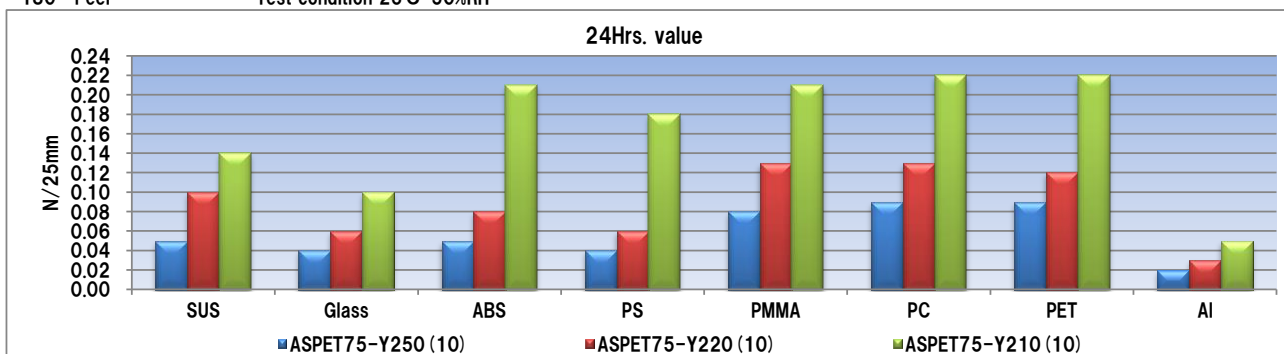
#### ◆ Adhesive strength

Substrate	ASPET75-Y250 (10)		ASPET75-Y220 (10)		ASPET75-Y210 (10)	
	20min.	24hrs.	20min.	24hrs.	20min.	24hrs.
SUS	0.02	0.05	0.04	0.10	0.07	0.14
Glass	0.04	0.04	0.06	0.06	0.10	0.10
ABS	0.04	0.05	0.06	0.08	0.17	0.21
PS	0.03	0.04	0.05	0.06	0.12	0.18
PMMA	0.07	0.08	0.12	0.13	0.20	0.21
PC	0.08	0.09	0.11	0.13	0.20	0.22
PET	0.07	0.09	0.11	0.12	0.20	0.22
Al	0.02	0.02	0.02	0.03	0.03	0.06

Unit: N/25mm

【Test method】

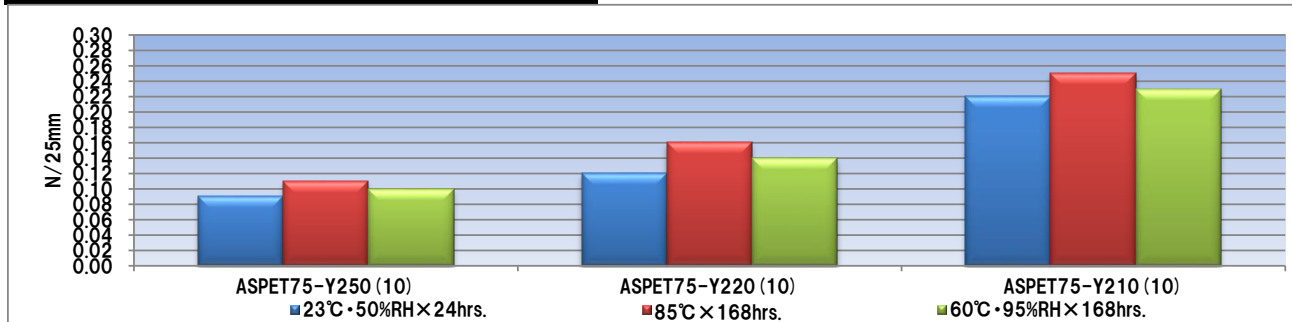
- JIS Z 0237 (2000)
- Peel Speed 300mm/min
- 180° Peel
- Test condition 23°C・50%RH



## Properties

### ◆Adhesive strength After The Environmental Test (Substrate:PET)

Test condition	ASPET75-Y250 (10)	ASPET75-Y220 (10)	ASPET75-Y210 (10)	【Test method】 ・JIS Z 0237 (2000) ・180° Peel ・Peel Speed 300mm/min ・Test condition 23°C・50%RH Unit: N/25mm
23°C・50%RH×24hrs.	0.09	0.12	0.22	
85°C×168hrs.	0.11	0.16	0.25	
60°C・95%RH×168hrs.	0.10	0.14	0.23	



### ◆Removability after environmental testing

	Heat resistance test (85°C×168H)			Heat and humidity resistance test (60°C・95%RH×168H)		
	Y-250	Y-220	Y-210	Y-250	Y-220	Y-210
SUS	△	×	×	○	○	×
Glass	◎	◎	◎	◎	◎	◎
ABS	◎	◎	◎	◎	◎	◎
PS	◎	◎	◎	◎	◎	◎
PMMA	◎	◎	◎	◎	◎	◎
PC	◎	◎	◎	◎	◎	◎
PET	◎	◎	◎	◎	◎	◎
AL	◎	◎	◎	△	×	×

【Assessment of removability】: ◎>○>△>× ◎:Excellent ○:Only slightly stained △:Stained ×:Cohesion failure

### ◆Antistatic property

	Measured value
Surface resistance (Ω/□)	5.0×10 <sup>5</sup>

【Test method】

- ・Measured temperature: 23°C・50%RH ・Applied voltage: 100V×15sec.
- ・Measurement device: ST-4 (SIMCO JAPAN)

## 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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