

F709

Black PET Double Sided Tape



Composition:



Applications:

- LED/LCD light shielding fixing purpose .
- Fixing of Reflection foil on LED/LCD frame.
- Lamination of nameplates for Electrical & Electronic Appliances.

Features:

- Good resistance to chemicals, softener resistance and tack.
- Good light shielding or opacity performance.
- High shear and temperature resistance.
- Excellent bonding strength to most common substrates.

Standard Size

▪ Total Thickness (without release paper)	0.12mm
▪ Liner thickness	0.12mm
▪ Width	10mm-1240mm
▪ Length	50m-500m

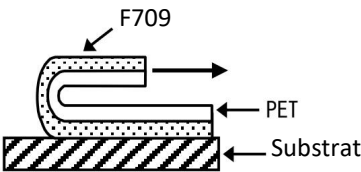
Technical Data (average values)

- Backing material
- Color
- Type of adhesive
- Temperature resistance range
- Temperature resistance short term
- Temperature resistance long term
- Loop tack
- Holding power

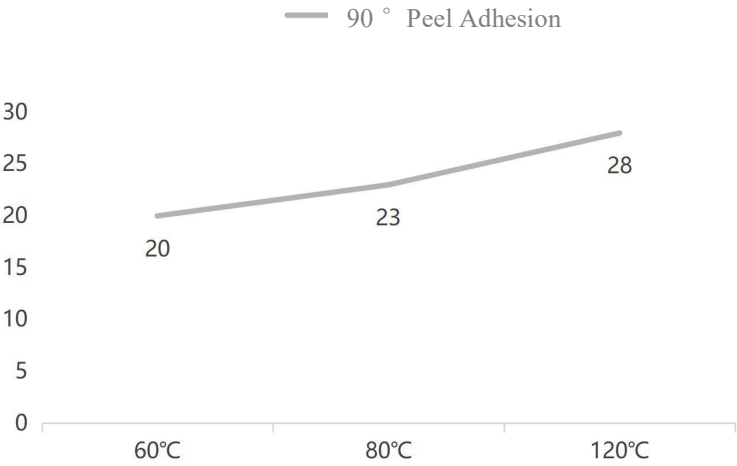
Polyester Film
Transparent
Acrylic Pressure Sensitive Adhesive
-20°C-150°C
150°C
60°C
≥22#
Up to 120°C for 120 min.

180 Degrees of Peeling Adhesion	
Substrate	Avg. Test Values
Stainless Steel	25 N/25mm
ABS	20 N/25mm
PC	24 N/25mm
PE	5 N/25mm
PVC	26 N/25mm
PP	21N/25mm

Unit:N/25mm
Sample Width:25mm
Backing Material: PET film
Application Condition:
3 pass back and forth with a
2.5kg roller
Peeling Speed: 300mm/min
Peeling Angle: 180°
Measurement Temperature:
23°C/50%RH



Peeling strength for each temperature



Unit: N/25mm
Sample Width:25mm
Backing Material: PET film
Application Condition:
3 pass back and forth with a
2.5kg roller
Peeling Speed: 300mm/min
Peeling Angle: 90°
Measurement Condition:
23°C/65%RH×30min
Measurement Temperature:
60°C、80°C、120°C

80℃ Holding Power	
Substrate	Stainless Steel
Load Time	1 hr
Shedding Distance	0.65mm

Unit: mm/hr

Substrate : Stainless Steel

Lining material : PET film

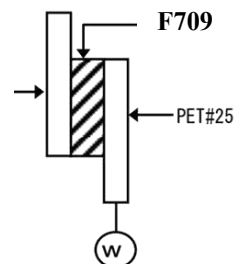
Pressing condition : 3 pass back and forth with 2.5kg at 23 °C/65%RH

Applying condition : 23 °C 65%RH×30min

Tape area : 20mm×10mm

Load : 10N(1kg)

Load time : 1hr



Peeling Adhesion After Aging	
180° Peeling Adhesion	$\geq 27\text{N}/25\text{mm}$
90° Peeling Adhesion	$\geq 32\text{N}/25\text{mm}$

Unit:N/25mm

Sample Width:25mm

Backing Material: PET film

Application Condition:

3 pass back and forth with a 2.5kg roller

Peeling Speed: 300mm/min

Peeling Angle: 180 ° 、 90°

Measurement Temperature:

23°C/65%RH

Anti-aging conditions:

[70°C/60%RH×4hrs

⇒ -29°C/60%RH×4hrs

⇒ 22°C/60%RH×4hrs] ×4 cycles

Application Properties:

1. To obtain optimal adhesion, the bonding surface must be dry and clean.
2. The ideal application temperature range is 20 °C to 40 °C To apply tape on surface at temperature below 10°C be not recommend, because the adhesive becomes firm to adhere lightly.

Test Method:

In accordance with GB/T 4851-1998 method.

Shelf Life:

12 months when stored in original carton at 23°C and 65% relative humidity.

Other:

- Rewinding length commonly used: 50m /roll, and can be processed according to customer demand.
- Special carton packaging.

Room 1003-1 , Dahai office building ,
No.499 Taikang middle road, Yinzhou District ,
Ningbo City ,Zhejiang Province ,China .

Tel. +86 18606581882
Fax. +0574-88913422
admint@f6ape.com
<https://www.f6ape.com/>