

HT PET50-Si2 (20)

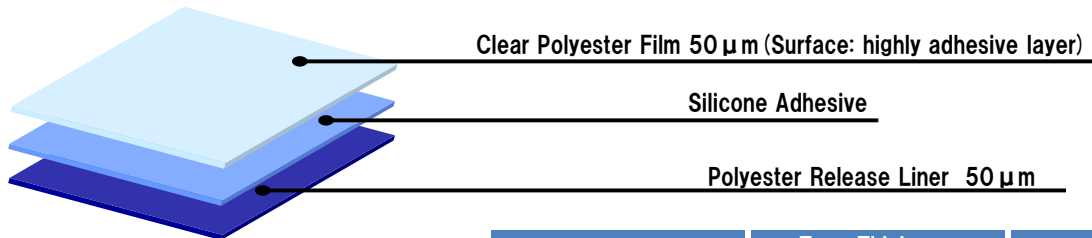
Outline

HT PET50-Si2 (20) is an adhesive sheet based on a highly transparent polyester film coated with a low-adhesive silicone-based adhesive that has excellent air bleeding properties.

Suitable for protective film.

It is also possible to print.

Structure



| Product Name | Tape Thickness (μm) | Base film (μm) |
|-------------------|---------------------|----------------|
| HT PET50-Si2 (20) | 70 | 50 |

Properties

◆Adhesive strength

| Substrate | Measurement result | |
|-----------|--------------------|--------|
| | 1min. | 24Hrs. |
| SUS (BA) | 0.02 | 0.03 |
| PET | 0.02 | 0.03 |
| Glass | 0.02 | 0.04 |
| PMMA | 0.02 | 0.02 |
| PC | 0.02 | 0.02 |
| ABS | 0.03 | 0.04 |

[Test method]

•JIS Z 0237 (2000)

•180° Peel

•Unit:N/25mm

•Peel Speed 300mm/min

•23°C・50%RH

◆Removability after environmental testing

| Substrate | Heat resistance test (85°C×168hrs.) | Heat and humidity resistance test (60°C・95%RH×168hrs) |
|-----------|-------------------------------------|---|
| SUS (BA) | ○ | ○ |
| PET | ○ | ○ |
| Glass | ○ | ○ |
| PMMA | ○ | ○ |
| PC | ○ | ○ |
| ABS | ○ | ○ |

Assessment of removability

◎>○>△>×

◎:Excellent ○:Only slightly stained

△:Stained ×:Cohesion failure

Properties

◆Optical properties

| | initial value | Heat resistance test (85°C×168hrs.) | Heat and humidity resistance test (60°C・95%RH×168hrs) |
|-------------------------------|---------------|--|---|
| Total light transmittance (%) | 92.3 | 92.1 | 92.1 |
| Haze (%) | 0.9 | 0.9 | 0.9 |

【Test method】

- Total light transmittance:JIS K7361-1 Compliant
- Haze:JIS K7136 Compliant

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.

Such as know-hows contained in this document, trade secrets, copyrights, and patents,each of all intellectual property's rights belongs only to our company.

Any copies, reprints, reproductions and disclosing any part of this document to a third party are prohibited without our prior approval.

All information and data in here should be used as a guide.

They do not constitute a warranty of any kind by NEION Film Coatings Corp.