

## VieTape AU5302

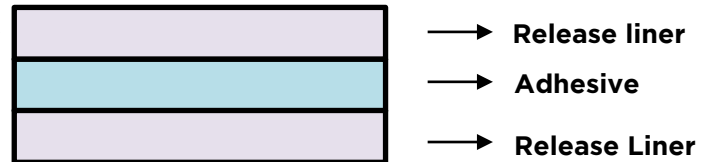
### OPTICALLY CLEAR LAMINATING ADHESIVE

#### DESCRIPTION

VieTape AU5302 is a UV resistance special optically clear laminating adhesive which is made of acrylic pressure sensitive adhesive as the main component, and the upper and lower composite release film. It has excellent UV resistance (360 - 380 band blocking more than 99%), excellent optical properties/acid free, high reliability (UV resistance), high adhesion and other characteristics.

#### APPLICATIONS

- Touchscreens for bonding film and glass laminated
- Transparent graphic overlays
- Displays
- Optical management films for LCD



Parameter	Value
Adhesive Type	Acrylic
Carrier	None
Adhesive thickness	50 um
Light release film thickness	50/75 um
Heavy release film thickness	75 um
Light transmittance	92.1%
Haze	0.12%
Chromatic Aberration [L*a*b*]	96.98/ -0.41/ 0.54
Refractive Index [n/25°C]	1.478
180° Peel Strength	> 9.8 N/ 25 mm, SUS
Retention	> 1000 min (1000g, SUS)
Dielectric constant	3.2

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## OPTICALLY CLEAR LAMINATING ADHESIVE

### DIRECTION OF USE

The surface should be thoroughly cleaned and dried for maximum bond strength. To obtain greatest benefit, laminations should be done in the cleanest environment possible with static charge elimination.

Intimate contact between the adhesive and the bonding surface can increase bond strength when applied with firm application pressure and moderate heat.

Some film and sheet materials such as polycarbonate and acrylic contain a significant percentage of moisture which is trapped in the polymer when adhesive is laminated to the polymer surface causing outgassing when product is exposed to high temperature condition. This trapped moisture can cause cosmetic and sometimes physical degradation at the bond interface such as bubbles, or snowflakes.

Please take the appropriate precautions to handle solvents safely.

### STORAGE AND SHELF LIFE

Store in a cool and dry place, avoid direct sunlight and keep the material in original packaging or plastic bag when not used.

Shelf life of this product is 6 months from date of manufacture when stored at  $23\pm 2^{\circ}\text{C}$  and  $50\pm 5\%$  relative humidity.

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

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