

[www.antidusttape.com/ad3500](http://www.antidusttape.com/ad3500)

## AD3500 breather tape



This tape is constructed over the original AD3400 for the use of conserving the interior of plastic multiwall sheets. AD3500 provides maximum drainage, still keeping dust and insects out. It is constructed of a polyester filter carrier. Multipass treatment and modified to secure pore size, long life fungicide and good drainage properties. Although the carrier is of high strength, it has no problem to go with expansion and contraction of the plastic sheets. The tape also conforms well to the irregular contours of the sheet. The durable high performance acrylic adhesive resists moist, heat and cold and most chemicals.

### USE

Sealing the edges of multiwall plastic sheeting (e.g. Lexan Thermoclear) to protect the interior of the sheets against dust and insects, but at the same time providing proper drainage of condensate without the need of excessive ventilation. Insulation value and clarity of the sheets used in e.g. roof lights and conservatories are secured with the use of AD3500.

### APPLICATION

In order to achieve a good seal, the surfaces must be free of dust, moisture and grease. The paper backing should not be removed until immediately before application of the tape.

### IMPORTANT NOTE

Not recommended for use in heavily polluted areas where dust particles are <45 micron e.g. carbon fumes caused by flame cutting, welding, grinding or diesel engines.

### PROPERTIES

|  |  |
|--|--|
| <b>Provided with anti-mould &amp; anti-algae agent</b> |  |
| Carrier thickness                                      | approx 200 micron                        |
| Total thickness  | approx 200 micron                        |
| Pore size  | < 45 micron                              |
| Porosity to water                                      | 15ltr/m <sup>2</sup> /sec                |
| Release paper  | 75g/m <sup>2</sup> white silicone coated |
| Temperature range                                      | -30°C to +80°C                           |
| Min. application temp.                                 | +8°C                                     |

### ADHESIVE PROPERTIES

AD4500 AntiDUST® breather tape is coated with a durable high performance acrylic adhesive\* which gives the product good tack, adhesion and shear resistance. Resists high and low temperatures, moist and most chemicals for >10 years.

### AVERAGE VALUE/TEST METHOD

|  |            |
|--|------------|
| Quick Tack (N/25mm) on stainless steel       | 19 / FTM 9 |
| Peel 180°- 30min (N/25mm) on stainless steel | 27 / FTM 1 |
| Peel 180°- 24h (N/25mm) on stainless steel   | 28 / FTM 1 |
| Cohesion test (creep)                        | 900g       |

### STANDARD SIZES

Widths: 28mm, 42mm, 50mm, 60mm, 70mm and 80mm  
Length: 33m

### SHELF LIFE

2 years when stored between 15°C and 23°C at 50% relative humidity.