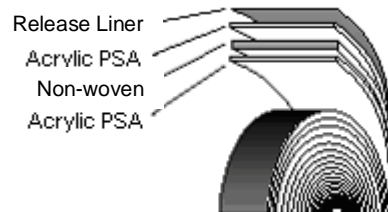


Soken Tape AS-5000

Technical Data Sheet

General Description Soken Tape AS-5000 is double-sided non-woven fabric adhesive tape with low Volatile Organic Compounds (VOC) content and high performance acrylic adhesives that provides good initial tack and offers high ultimate adhesion

Product Construction



Tape Thickness: 0.14 mm

Characteristics

- Low Volatile Organic Compounds (VOC) double-sided tape with far lower VOC content compare to usual products in total
- Raw materials do not intentionally use 14 substances of the guideline of the Japanese Ministry of Health, Labor and Welfare
- High adhesion with good balance of holding power and tack
- Excellent performance under a wide range of temperature condition
- High adhesion to metal, glass and plastics including PP and other various surfaces

Applications

- Automotive interior plastic parts, electronic product, nameplates, etc.
- Bonding of membrane switch and duct seal of air conditioner
- Apply to shock-absorbing foam and other general industry use

| Properties | Test Item | Value | Test Procedures |
|------------|----------------------|-------|--|
| | Peel Strength (N/m) | 980 | 180 degree peel at 300mm/min, 23 °C 65%RH, to test plate, 20min conditioning time |
| | Holding Power (mm) | 0.7 | 1kg weight held for 1 hour to SUS with 20x20mm overlap area at 40°C, 20min conditioning time |
| | Ball tack | 28 | 23 °C 65%RH, according to J Dow method |

| VOC Content | Product Name | AS-5000 | A-500 |
|-------------|------------------------------|-------------------|--------------|
| | Base Solvent | Toluene-free type | Toluene type |
| | Thickness (μm) | 140 | 140 |
| | TVOC (mg/m ²) | 1.8 | 120 |
| | Toluene (mg/m ²) | 0.3 | 90 |

Shelf Life

Six months from the date of delivery when stored in original packing at stable condition warehouse, with temperature lower than 40°C and up to 70% Relative Humidity with no direct sunlight.

DISCLAIMER: The above figures are taken from experiments conducted under standard conditions at Soken Chemical Asia Co.,Ltd. They are not meant to be guaranteed values, to serve as reference only. Thorough evaluation of the actual application of Soken Tape must be conducted before use.