

Technical Information

Scotch™ Brand No.331 Protective Tape



SCOTCH BRAND NO. 331 PROTECTIVE TAPE

DESCRIPTION :

A PVC tape with a high performance adhesives which has uniform adhesive thickness.

331 protective tape resist to solvents, moisture and high temperature.

This tape can be applied for mainly wafer dicing process of semiconductor manufacturing.

331-S protective tape does not contain any dust or foreign materials and free from defects such as dirt or wrinkle.

CONSTRUCTION :

Backing : PVC Film

Adhesive : Acrylic

Color : Transparent Blue

PHYSICAL PROPERTIES : Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Steel :	75 g/in. width	D-3330
Tensile Strength :	4 kg/in. width	D-3759
Elongation at Break :	300 %	D-3759
Total Thickness :	0.085 mm	D-3652

GENERAL INFORMATION :

1. In general, 331 protective tape is specially designed for the manufacturing process of semiconductor. Adhesion level of this tape is well controlled to ensure the holding of wafer in dicing , breaking and make it easy to pick up chip after processing.

However, the following precautions should be noted.

- Extended exposure to direct sunlight
- Elevated storage temperatures
- High Stacking Pressures

2. Where storage conditions are $21 \pm 2^{\circ}\text{C}$ and $50 \pm 10\%$ R.H. shelf life is 6 Months.

POSSIBLE USES :

Protection wafer during dicing process of semiconductor manufacturing.