

Technical Information

# Scotch™ Brand No.331-S Protective Tape

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## SCOTCH BRAND NO. 331-S PROTECTIVE TAPE

### DESCRIPTION :

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

331-S 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 do 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 :	140 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-S 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.