

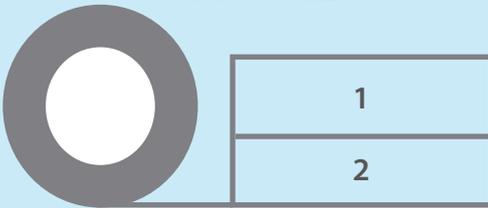
# NON-UV DICING TAPE

PVC BASE WITH ACRYLIC ADHESIVE

## 6000 SERIES



### STRUCTURE



(1) Base Film - PVC  
(2) Adhesive - Acrylic

### PRODUCT CODE

**6080 - 10**

Base film Thickness      Adhesive Thickness  
080 = 80µm (Blue)  
100 = 100µm (Clear)

### APPLICATIONS

The 6000 series comprises of a PVC base with a non-UV acrylic adhesive and is a semiconductor grade dicing tape suitable for general purpose wafer dicing applications. Available with two base film thicknesses (80µm and 100µm) and with a choice of clear or blue. The 6000 series is particularly suitable for higher volume applications that require a cost-effective tape option.

<b>COATED TYPE</b>		Single
<b>ACRYLIC TYPE</b>		non-UV Curable
<b>TOTAL THICKNESS</b>		90µm or 110µm
<b>BASE FILM</b>	<b>MATERIAL</b>	PVC
	<b>COLOUR</b>	Clear / Blue
	<b>THICKNESS</b>	80µm or 100µm
<b>ADHESIVE LAYER</b>	<b>MATERIAL</b>	Acrylic
	<b>THICKNESS</b>	10µm
<b>ADHESION STRENGTH (GLASS PLATE)</b>	<b>BEFORE UV</b>	6080-10 = 1N/25mm 6100-10 = 2N/25mm
	<b>AFTER UV</b>	/
<b>ADHESION STRENGTH (ACRYLIC PLATE)</b>	<b>BEFORE UV</b>	6080-10 = 1N/25mm 6100-10 = 1N/25mm
	<b>AFTER UV</b>	/
<b>TENSILE STRENGTH</b>		6080-10 = <b>MD</b> - 40MPa <b>TD</b> - 30MPa 6100-10 = <b>MD</b> - 45MPa <b>TD</b> - 35MPa
<b>TENSILE ELONGATION</b>		6080-10 = <b>MD</b> - 620% <b>TD</b> - 670% 6100-10 = <b>MD</b> - 750% <b>TD</b> - 780%

\*MD = Machine Direction \*TD = Transverse Direction

### Available Ranges

- General purpose, non-UV
- Semiconductor grade, non-UV
- UV Curable, PET, PO or PVC material
- Special applications for ceramics
- Special tapes for thick substrates and hard to cut materials
- Green Layering tape

