

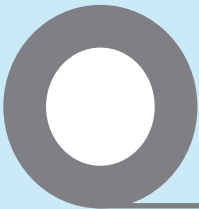
# UV DICING TAPE

PO BASE WITH ACRYLIC ADHESIVE

## 8000 SERIES



### STRUCTURE



1
2
3

- (1) Base Film - PO
- (2) Adhesive - Acrylic
- (3) Liner - PET 25µm

### PRODUCT CODE

**8080 - 20**

Base film Thickness  
080 = 80µm  
150 = 150µm

Adhesive Thickness  
20µm or 30µm

### APPLICATIONS

The 8000 series comprises of a PO base with a UV sensitive acrylic adhesive and offers a good balance between quality and performance. Available with two base film thicknesses (80µm and 150µm). Polyolefin (PO) based dicing tapes exhibit good expansion properties making them an ideal choice for when post-dice matrix expansion is required.

<b>COATED TYPE</b>		Single
<b>ACRYLIC TYPE</b>		UV Curable
<b>TOTAL THICKNESS</b>		100µm or 180µm
<b>BASE FILM</b>	<b>MATERIAL</b>	PO
	<b>COLOUR</b>	Clear
	<b>THICKNESS</b>	80µm or 150µm
<b>ADHESIVE LAYER</b>	<b>MATERIAL</b>	Acrylic
	<b>THICKNESS</b>	20µm or 30µm
<b>ADHESION STRENGTH (GLASS PLATE)</b>	<b>BEFORE UV</b>	8080-20 = 11N/25mm 8150-30 = 14N/25mm
	<b>AFTER UV</b>	8080-20 = 0.4N/25mm 8150-30 = 0.4N/25mm
<b>ADHESION STRENGTH (ACRYLIC PLATE)</b>	<b>BEFORE UV</b>	8080-20 = 8N/25mm 8150-30 = 10N/25mm
	<b>AFTER UV</b>	8080-20 = 0.1N/25mm 8150-30 = 0.2N/25mm
<b>TENSILE STRENGTH</b>		8080-20 = <b>MD*</b> - 40MPa <b>TD*</b> - 30MPa 8150-30 = <b>MD</b> - 30MPa <b>TD</b> - 25MPa
<b>TENSILE ELONGATION</b>		8080-20 = <b>MD</b> - 1300% <b>TD</b> - 1400% 8150-30 = <b>MD</b> - 1400% <b>TD</b> - 1500%

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

### Available Ranges

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

