

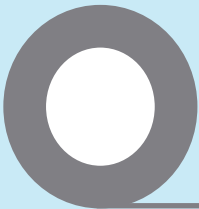
UV DICING TAPE

PET BASE WITH ACRYLIC ADHESIVE

9000 SERIES



STRUCTURE



1

2

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

PRODUCT CODE

9100 - **25**

Base film Thickness
100 = 100µm
188 = 188µm

Adhesive Thickness
25 = 25µm
30 = 30µm

APPLICATIONS

The 9000 series comprises of a PET base with a UV sensitive acrylic adhesive and is the highest specification UV tape for wafer dicing applications. Available with two base film thicknesses (100µm and 188µm) and a transparent film. The 9000 series is for applications demanding the best accuracy and quality of cut.

COATED TYPE		Single
ACRYLIC TYPE		UV Curable
TOTAL THICKNESS		125µm or 218µm
BASE FILM	MATERIAL	PET
	COLOUR	Transparent
	THICKNESS	100µm or 188µm
ADHESIVE LAYER	MATERIAL	Acrylic
	THICKNESS	25µm or 30µm
ADHESION STRENGTH (GLASS PLATE)	BEFORE UV	9100-25 = 20N/25mm 9188-30 = 20N/25mm
	AFTER UV	9100-25 = 0.2N/25mm 9188-30 = 0.3N/25mm
ADHESION STRENGTH (ACRYLIC PLATE)	BEFORE UV	9100-25 = 18N/25mm 9188-30 = 20N/25mm
	AFTER UV	9100-25 = 0.1N/25mm 9188-30 = 0.1N/25mm
TENSILE STRENGTH		9100-25 = MD* - 220MPa TD* - 280MPa 9188-30 = MD - 330MPa TD - 380MPa
TENSILE ELONGATION		9100-25 = MD - 320% TD - 260% 9188-30 = MD - 750% TD - 780%

*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

