

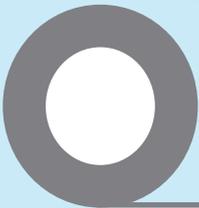
UV DICING TAPE

PVC BASE WITH ACRYLIC ADHESIVE

7000 SERIES



STRUCTURE



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3

- (1) Base Film - PVC
- (2) Adhesive - Acrylic
- (3) Liner - PET 50µm

PRODUCT CODE

7080 - 10

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

APPLICATIONS

The 7000 series comprises of a PVC base with a UV sensitive acrylic adhesive and is 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 7000 series is particularly suitable for higher volume applications that require a cost-effective tape option.

COATED TYPE		Single
ACRYLIC TYPE		UV Curable
TOTAL THICKNESS		90µm or 110µm
BASE FILM	MATERIAL	PVC
	COLOUR	Clear / Blue
	THICKNESS	80µm or 100µm
ADHESIVE LAYER	MATERIAL	Acrylic
	THICKNESS	10µm
ADHESION STRENGTH (GLASS PLATE)	BEFORE UV	6N/25mm
	AFTER UV	0.25N/25mm
ADHESION STRENGTH (ACRYLIC PLATE)	BEFORE UV	7080-10 = 5N/25mm 7100-10 = 4N/25mm
	AFTER UV	7080-10 = 0.3N/25mm 7100-10 = 0.4N/25mm
TENSILE STRENGTH		7080-10 = MD* - 40MPa TD* - 30MPa 7100-10 = MD - 45MPa TD - 35MPa
TENSILE ELONGATION		7080-10 = MD - 740% TD - 760% 7100-10 = 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

