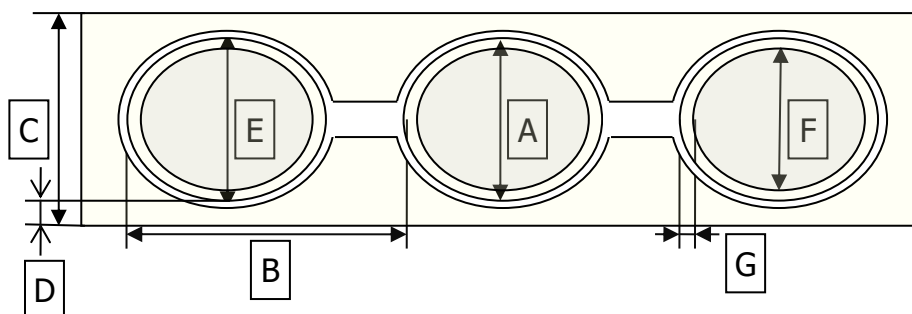


1. MODEL : AWU120 series (Under Development R&D)

2. FEATURE

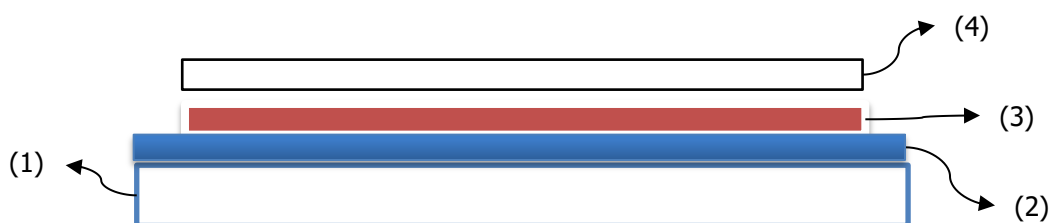
- Functional material for both dicing and die bonding
- Excellent dicing and pick-up performance
- Thermal curing type, high adhesive strength

3. PRE-CUT STYLE



	A	B	C	D	E	F	G
8 inch	270±2	279±2	300±2	15±2	281±2	220±2	25±2

4. COMPOSITION



WBL

- (1) Base Film (100μm)
- (2) Adhesive Layer (10μm)
- (3) DAF (10 ~ 30μm)
- (4) Protective Film (38μm)

5. Expiration time

12 months after production (-10 ~ 5°C)

4 weeks after opening

6. SPECIFICATION

ITEM			AWU120
Appearance	Tape color		milky white
	Tape thickness		168μm
	Base film		Polyolefin / 100μm
	DAF		20μm
	Adhesive layer		10μm
	Protective film		PET / 38μm
Properties	Peel strength of Dicing Film	before UV	1.0 N/25mm ¹⁾
		after UV	0.1 N/25mm
	Peel strength of DCF/DAF	before UV	1.0 N/25mm
		after UV	0.1 N/25mm
	Adhesion strength		≥500 N/m
	UV exposure		400 mJ/cm²
	Cure starting temperature		130 °C
	Curing condition		1 hour @180°C (ramp-up 30min)
	Decomposition Temperature		320°C
	CTE	below Tg	197 ppm/°C
		above Tg	245 ppm/°C
	Tg		203 °C
	Elastic modulus		9.2 MPa (at 250°C)
	Enthalpy		40J/g
	Dielectric breakdown Voltage		28 kV(ASTM D149)
	Water absorption (85°C/85RH%/48Hrs)		< 1.5%
	Ion impurity (Na ⁺ , K ⁺ , Cl ⁻)		< 15ppm

cf) These values are measured values and not guaranteed value

7. Remark

* 1) Peel strength on SUS#304

** JIS Z 0237 / KS A 1107
Peeling speed : 300mm/min
Peeling angle : 180deg.