

Dicing tape

ARIS provides the best possible solution to you in the semiconductor manufacturing process with the following features.

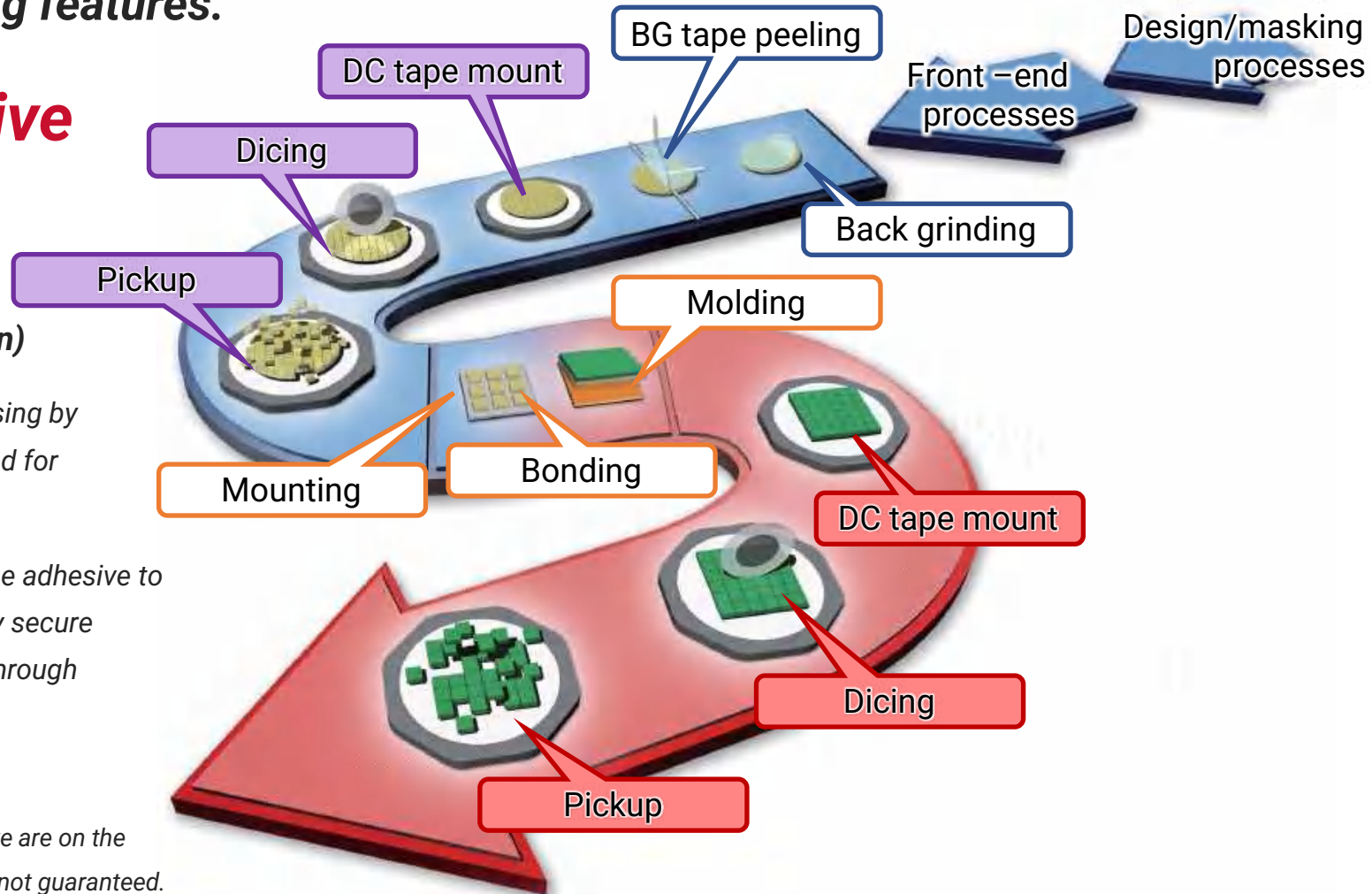
➤ **Specially designed adhesive**
Special adhesive with less surface contamination

➤ **Eco-Friendly backing**
Environmentally friendly backing material (Polyolefin)

The needs of technology for dicing process have been increasing by recent downsized electronic devices and expansion of demand for semiconductor chips. We will tailor to meet your needs.

No.6360 series is a dicing tape formed by coating a UV release adhesive to a highly isotropic polyolefin base material. This tape can firmly secure workpieces during dicing, and chips can be easily picked up through irradiation with UV light.

- Specification is subject to change without notice.
- All the figures, technical information and recommendation stated above are on the basis of the tests we believe to be reliable, but the accuracy there of is not guaranteed.



Dicing tape for wafer | Line up

Item		6360-00	6360-05	6360-20	6360-50	6366-00	6368-00
Base film		PO	PO	PO	PO	PO	PO
Thickness [μm]	Base film	90	90	90	90	100	80
	Adhesive	10	5	10	10	10	5
	Total	100	95	100	100	110	85
Peel strength [N/10mm]	Initial	2.80	1.80	3.30	2.80	0.88	2.40
	After UV	0.23	0.07	0.30	0.08	0.08	0.09
Tensile strength [N/10mm]	MD	15	22	15	15	19	22
	TD	13	17	13	13	19	21
Elongation [%]	MD	580	740	580	580	600	1,600
	TD	650	760	650	650	850	2,050
Remark		Standard	Limits the chipping	High adhesion	Easy pick-up	Limits the chipping	High expandability

Dicing tape for Substrate, Glass, LED | Line up

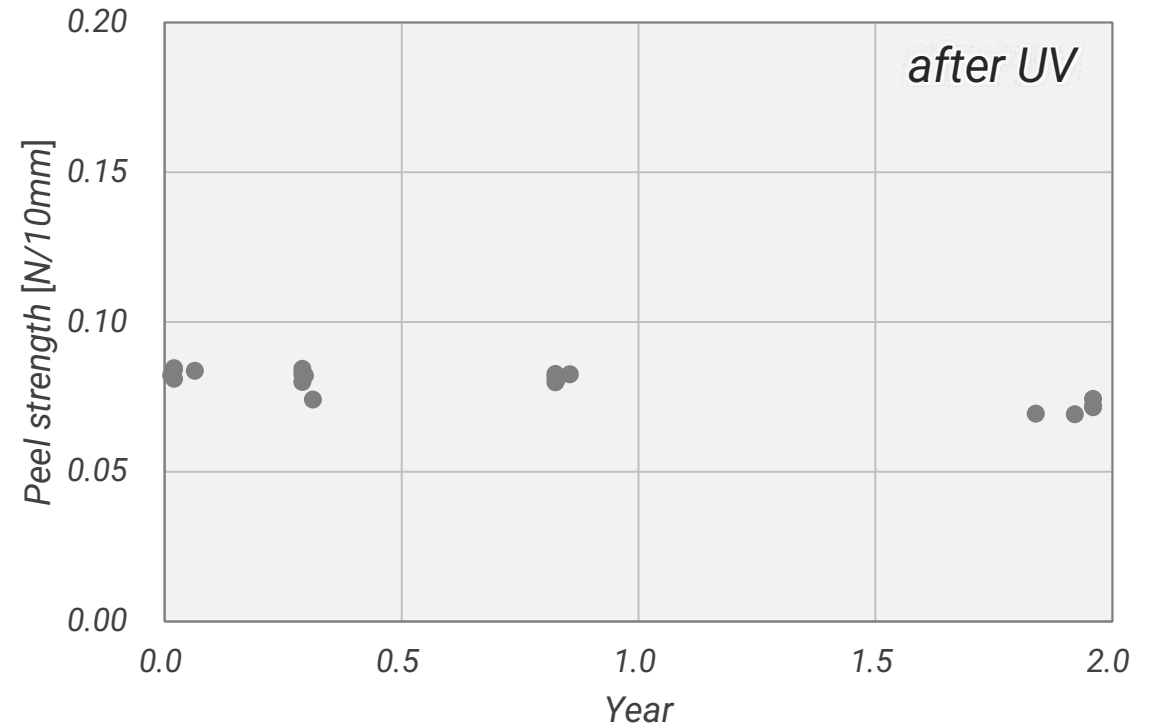
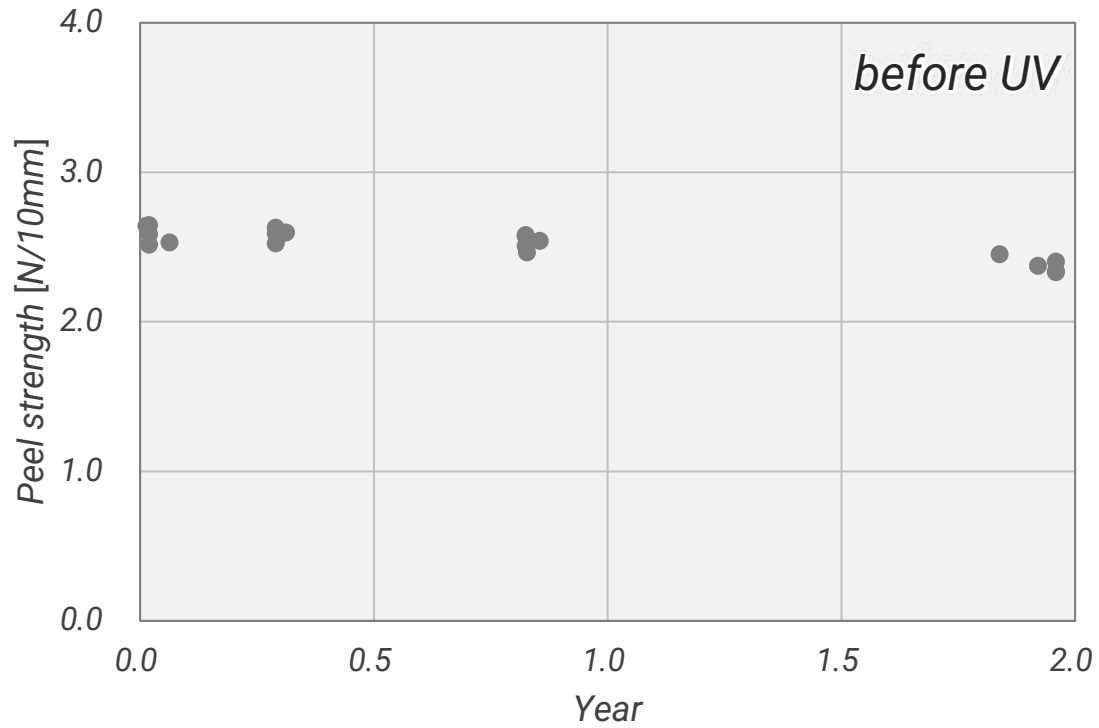
Item		6360-15	6360-25	6360-55	6360-95	6365-61	6365-62
Base film		PO	PO	PO	PO	PO	PO
Thickness [μm]	Base film	150	150	150	150	140	140
	Adhesive	10	10	10	20	10	20
	Total	160	160	160	170	150	160
Peel strength [N/10mm]	Initial	3.00	3.50	2.90	4.10	2.80	3.80
	After UV	0.22	0.24	0.09	0.10	0.08	0.08
Tensile strength [N/10mm]	MD	30	30	30	30	30	30
	TD	30	30	30	30	30	30
Elongation [%]	MD	760	760	760	760	800	800
	TD	800	800	800	800	800	800
Remark		Standard	High adhesion	Easy pick-up	High adhesion Easy pick-up	Limits the burr Easy pick-up	Limits the burr High adhesion Easy pick-up

Dicing tape | Stability

Test Condition(1)

Tape : No.6360-50

Storage → Tape laminate → Measurement

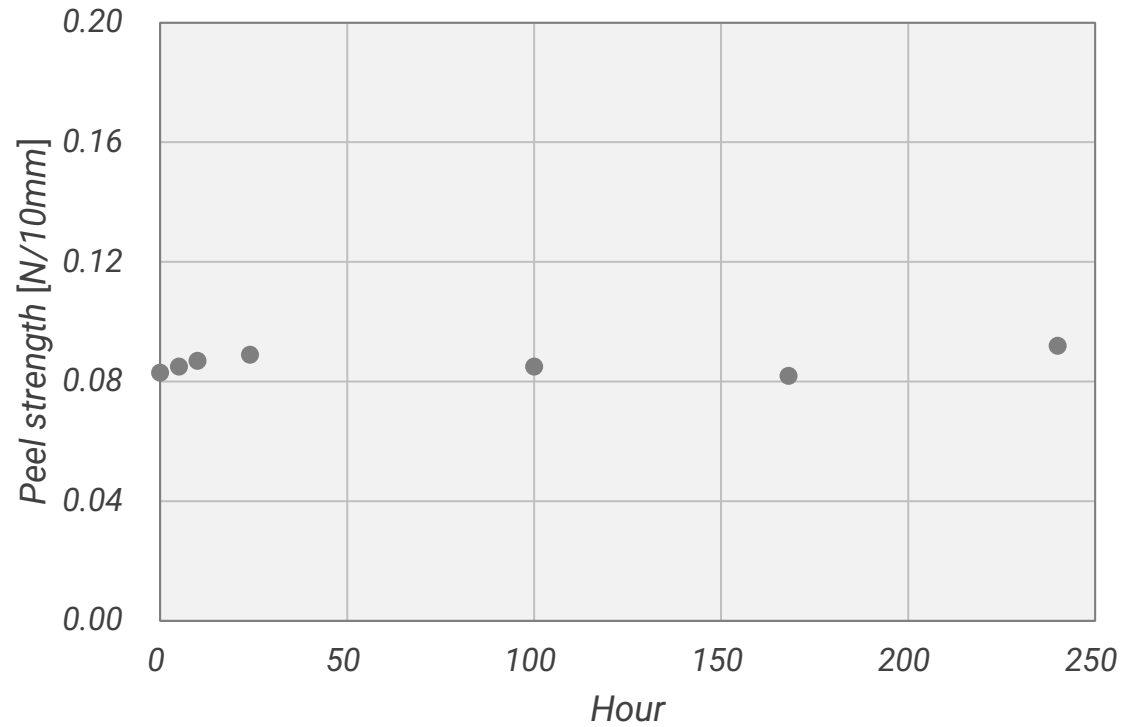


Dicing tape | Stability

Test Condition(2)

Tape : No.6360-50

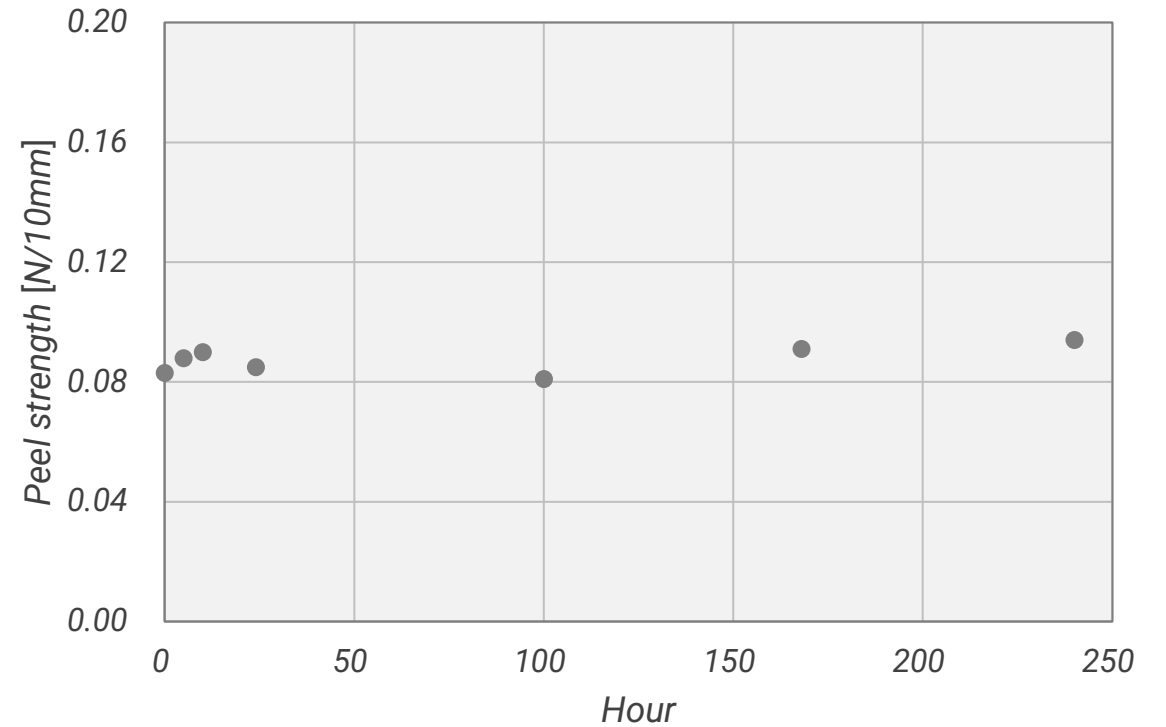
Tape laminate → **UV irradiation**
→ Storage → Measurement



Test Condition(3)

Tape : No.6360-50

Tape laminate → Storage
→ **UV irradiation** → Measurement

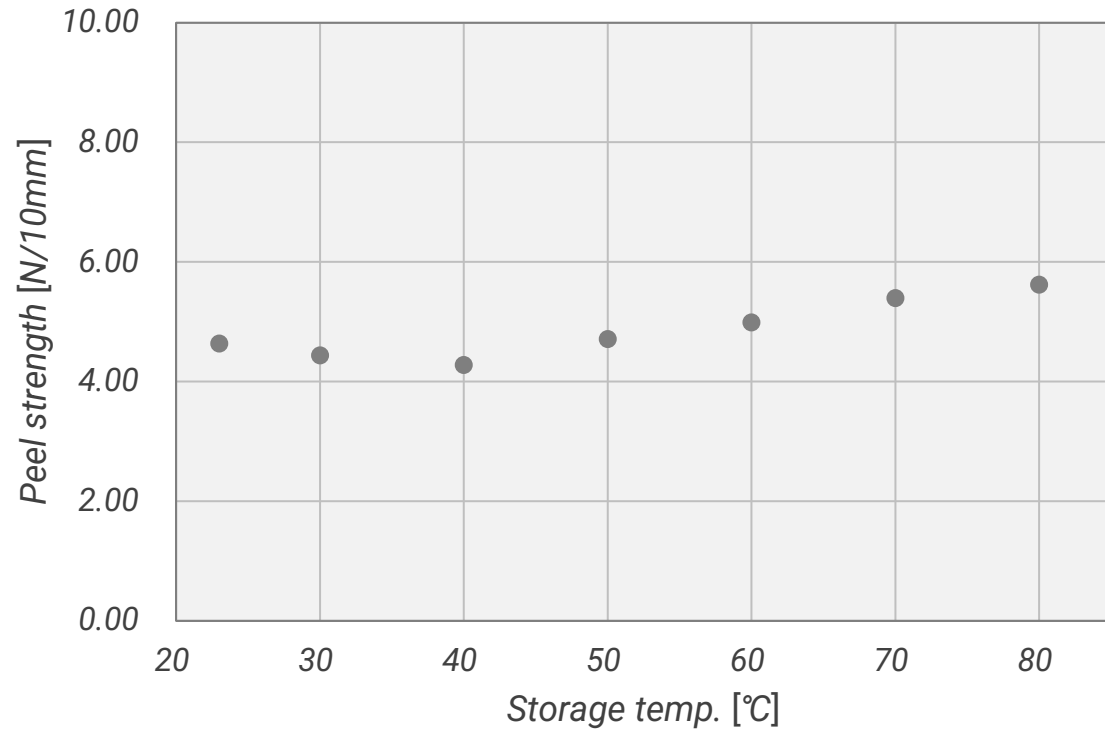


Dicing tape | Heat resistant

Test Condition

Tape : No.6360-95

Tape laminate(23°C) → Storage at each temp.(1h)
→ Storage at 23°C(30min.) → Measurement(23°C)



Tape laminate(23°C) → **UV irradiation**
→ Storage at each temp.(1h) → Storage at 23°C(30min.)
→ Measurement(23°C)

