



# BEST SOLUTION FOR INDUSTRIAL ADHESIVE TAPE





# SPECIALTY TAPE SUPPLIER FOR GLOBAL CUSTOMERS YONWOO CORPORATION

## CEO Greetings

Since its foundation in 1982, Yonwoo Corporation has mainly dedicated to the production of self-adhesive tapes and especially specialties for customers' specific purpose.

As the very specialized company in manufacturing pressure sensitive adhesive tapes, Yonwoo offers a wide range of products designed in accordance with many different uses of industrial markets.

Today, Yonwoo's product range covers not only double-coated adhesive tapes with varied backings such as film, tissue, plastic foam, etc., but also specific products requiring high technology.

With continuous investment in R&D through over 20 years, Yonwoo has built up the close relationships with lots of clients all over the world by offering the finest quality services and valuable customized solutions for their demands.

This enables us to provide our products to many fields of industries with a good reputation. Having in-house highly qualified R&D center, long-experienced technical staffs, cutting-edge production facilities and management system by ISO 9001&14001, we are always ready to furnish our valuable clients with the high competitiveness in quality and price.

If you have any inquiries about self-adhesive products as well as our company, please feel free to contact us. Yonwoo corporation is always ready to best serve your needs related to self-adhesive tapes and allied products.



# Management Philosophy

Management Philosophy

“Continually growing company with the clients’ trust even after 100 years”

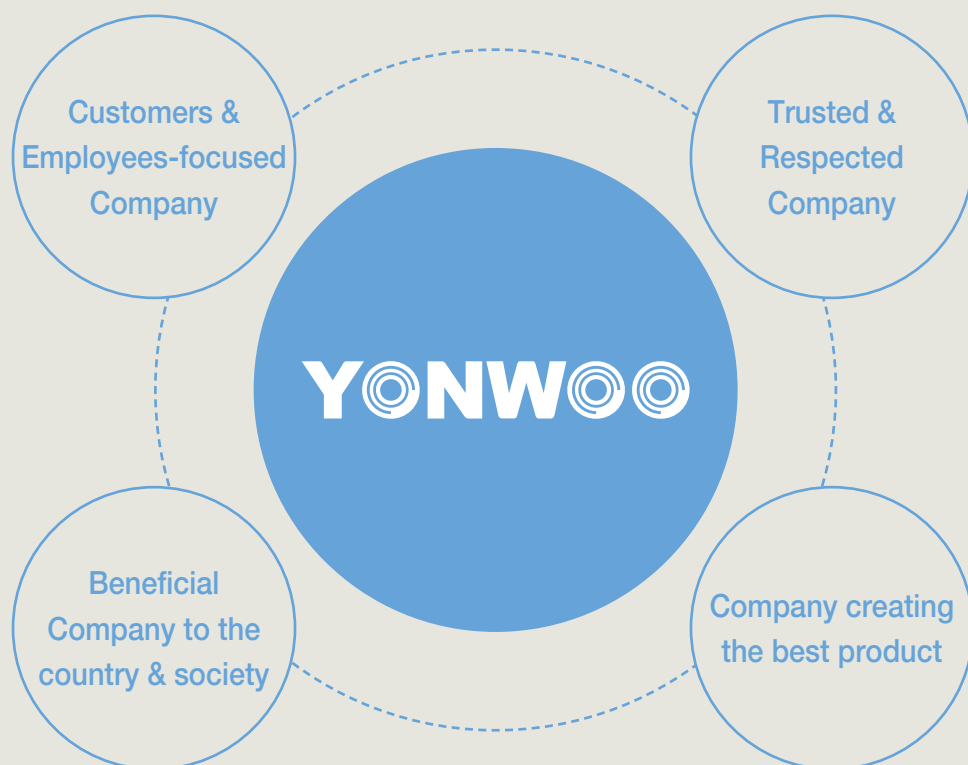
Trees should be deep-rooted to make beautiful flowers and abundant fruits, and to endure a long drought and bitter cold.

Like trees, enterprise should be placed on a firm base and looked after with sincerity to sustainably grow for long time.

Accordingly, the root gets deepened and strong, and also trunk becomes thicker as time goes by, besides its value will be more worthy.

We will make every effort to give the pride to our customers and employees by offering best products and high technologies, and to be always respected and trusted from market and society through continuous self-reflection and self-innovation.

We will try our best to promote our clients’ profit and social benefit, furthermore to be the company which never hurt the reputation of our country.



# COMPANY HISTORY



**1982**

Established Yonwoo Corporation in Seoul, Korea

**1987**

Converted into Incorporated Company from Private Company

**1992**

Established own factory in Banwol Industrial Complex

**1993**

Additional installation of automatic manufacturing & converting facilities

**1994**

Moved Head Office to Banwol Industrial Complex



**1995**

Nominated as one of most prospective companies by government

**1999**

Acquired UL mark on major items  
Increased capital amount (1.0 Bil. in Korean Won)

**2001**

Certified by ISO 9001

**2002**

Increased capital amount (1.25 Bil. in Korean Won)

**2005**

Certified by ISO 14001



## 2006

Replacement of old production equipments with advanced ones

Installation of eco-friendly facility, 'RTO'  
(Regenerated Thermal Oxidization)

## 2007

Establishment of R&D Center

Enlarged environmental management system  
(Performed government project)

## 2008

Recognized as a INNO-BIZ Company  
by government

## 2009

Accredited as a specialized company  
for materials and components

## 2010

Additional installation of Multi Coating M/C  
(Clean Room)



## 2014

Opened the Business Office in Hanoi, Vietnam  
Established the 2nd factory(converting) in Gunpo

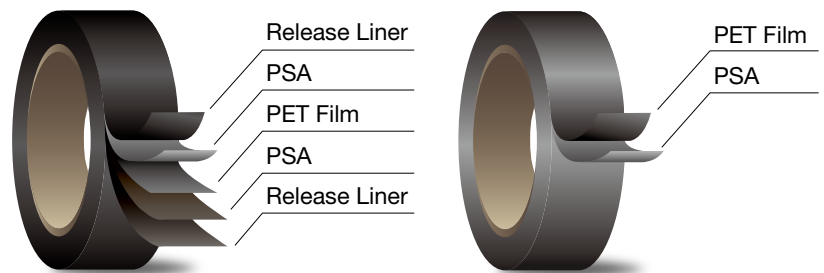
## 2015

Opened the Sales Office in Gunpo  
Installation of Pilot-coater



# Light-shielding Tape

- Acrylic adhesive coated S/S and D/S light-shielding tape using PET Film
- Good shielding ratio
- For fixing LCD panels, BLU parts and finishing hole of mobile & navigation devices



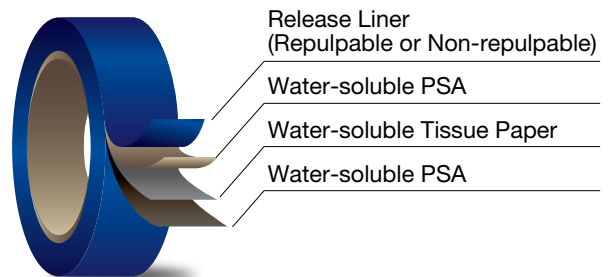
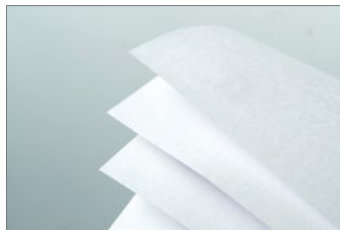
Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
8339B	PET Film	Black	Acrylic	100	1.2
8339F	PET Film	Black	Acrylic	50	1.4

Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
5391B-10	PET Film	Black / Black	Acrylic	12	0.9
5391B-20	PET Film	Black / Black	Acrylic	20	1.0
5391B-30	PET Film	Black / Black	Acrylic	30	1.0
5391B-50	PET Film	Black / Black	Acrylic	50	1.2
5391BW-50	PET Film	Black / White	Acrylic	50	1.1
5391BW-60A	PET Film	Black / White	Acrylic	60	1.3
5391BW-80	PET Film	Black / White	Acrylic	80	1.5
5391B-100	PET Film	Black / White	Acrylic	100	1.7
5391B-150	PET Film	Black / White	Acrylic	150	2.3
5391B-200	PET Film	Black / White	Acrylic	200	2.5
5391B-250	PET Film	Black / White	Acrylic	250	2.5
5391B-300	PET Film	Black / White	Acrylic	300	2.5



# Repulpable Tape

- Single-sided or Double-sided tape using water soluble materials
- Used for paper-web splicing, roll starting & closing of paper-web in paper mill
- Leaves no material's residues in paper repulping process

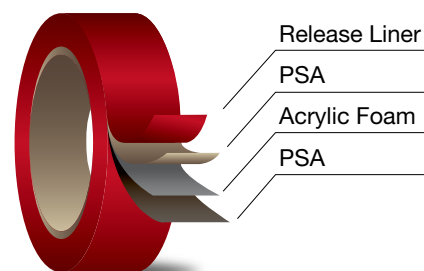
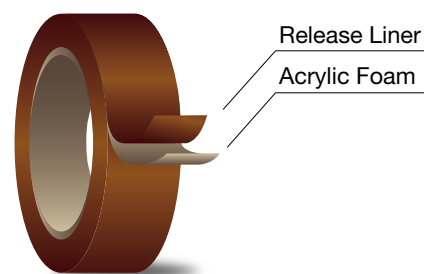


Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
51008	Water-soluble Release Liner	White	Acrylic	80	1.0
51014		White	Acrylic	140	1.4
52006KB	Water-soluble Tissue Paper	Dark Blue	Acrylic	60	1.0
52008		Sky Blue	Acrylic	80	1.1
52008KB		Dark Blue	Acrylic	80	1.1
52009		Sky Blue	Acrylic	90	1.2
52009T		White	Acrylic	90	1.2
52009KB		Dark Blue	Acrylic	90	1.2
52011		Sky Blue	Acrylic	110	1.4
52011KB		Dark Blue	Acrylic	110	1.4



# Acrylic Foam Tape

- High performance adhesive tape using UV polymer for automotive & outdoor purpose
- Provides excellent adhesion & durability
- For mounting of emblem, protective molding and interior/exterior parts in car industry
- For absorbing vibration & shock



Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
5920T	Acrylic Foam	Transparent / Grey / White	Self-stick	250	2.0
5940T	Acrylic Foam		Self-stick	400	2.5
5960T	Acrylic Foam		Self-stick	640	3.0
5980T	Acrylic Foam		Self-stick	800	3.5
5910T	Acrylic Foam		Self-stick	1000	4.0

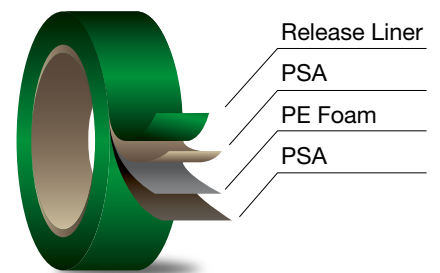
Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
5920	Acrylic Foam	Grey / Black / White	Acrylic	250	2.8
5940	Acrylic Foam		Acrylic	400	3.5
5960	Acrylic Foam		Acrylic	640	4.0
5980	Acrylic Foam		Acrylic	800	4.5
5911	Acrylic Foam		Acrylic	1100	5.0





# PE Foam Tape

- D/S tape using PE foam as a base material for absorbing shocks, insulating heat & noise,
- Good weatherability and die-cutting ability
- Provides good elasticity
- Used for space-filler for deadening vibration, noise or so
- For fixing automotive exterior emblem, sun visor, wheel cap & interior/exterior accessories

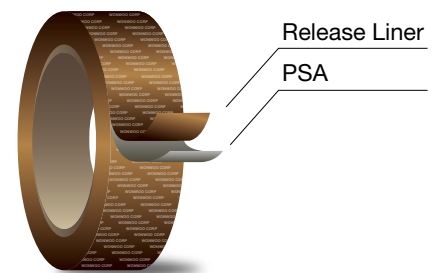


Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
5130W/BK	PE Foam	White / Black	Acrylic	300	1.7
5140W/BK	PE Foam	White / Black	Acrylic	420	2.0
5150W/BK	PE Foam	White / Black	Acrylic	500	2.0
5180W/BK	PE Foam	White / Black	Acrylic	850	2.5
5180K	PE Foam	Black	Acrylic	850	2.8
5101	PE Foam	White	Acrylic	1100	2.0
5208	PE Foam	Black	Acrylic	850	2.8
5131A	PE Foam	White	Acrylic	1300	2.9



# Transfer Tape

- Adhesive tape without carrier
- Used for fixing of various nameplates requiring good die-cutting property

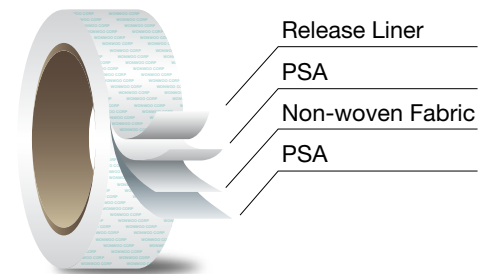


Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
				Total	(kgf/25mm)
5003	None	Milky	Acrylic	30	1.0
5005	None	Milky	Acrylic	50	1.5
5007	None	Milky	Acrylic	70	2.0
5003A	None	Transparent	Acrylic	30	1.1
5005A	None	Transparent	Acrylic	50	1.6
5012	None	Transparent	Acrylic	120	2.0

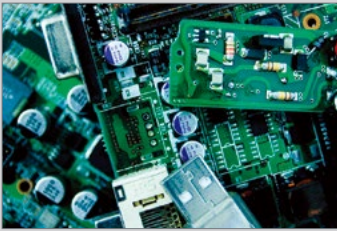


# Non-woven Fabric Tape

- General purpose D/S tape using Non-woven Fabric as a carrier
- Easy tearable by hands
- Used for bonding, fixing, splicing, laminating, attaching etc.

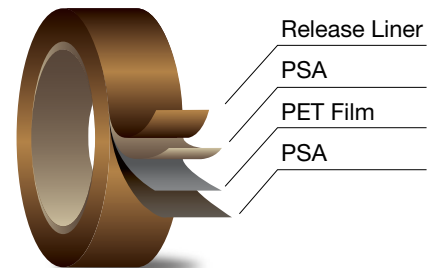


Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
525GB	Non-woven Fabric	Black	Acrylic	120	2.1
524DB	Non-woven Fabric	Black	Acrylic	130	2.0
5238B	Non-woven Fabric	Black	Acrylic	150	3.0
5264A	Non-woven Fabric	Black	Acrylic	200	2.5
526BA	Non-woven Fabric	Black	Acrylic	240	2.8
525CH	Non-woven Fabric	White	Acrylic	80	1.6
525N	Non-woven Fabric	White	Acrylic	100	1.6
526AH	Non-woven Fabric	White	Acrylic	100	2.5
5214	Tissue Paper	White	Acrylic / Rubber	100	1.8 / 3.5
525R	Non-woven Fabric	Red	Acrylic	110	2.1
5201	Tissue Paper	White	Acrylic	130	2.1
521YE	Tissue Paper	White	Acrylic	140	1.9
5248	Non-woven Fabric	White	Acrylic	150	2.9
521U	Tissue Paper	White	Acrylic	150	2.1
5265	Non-woven Fabric	White	Acrylic	160	2.3
525HT	Non-woven Fabric	White	Acrylic	150	2.0
5232JJ	Non-woven Fabric	White	Acrylic	160	2.5
523A	Non-woven Fabric	White	Acrylic	180	2.3



## Film Double-sided Tape

- Acrylic or Silicone adhesive coated multi-purpose D/S tape using PET film as a carrier
- Used for specific applications requiring high cleanliness, flatness and transparency
- Various level of adhesion, excellent process ability and various tape thickness



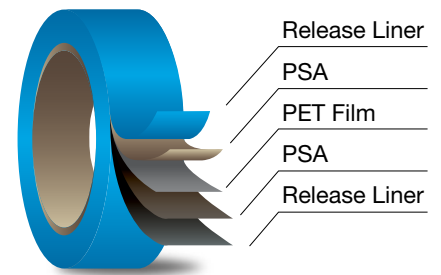
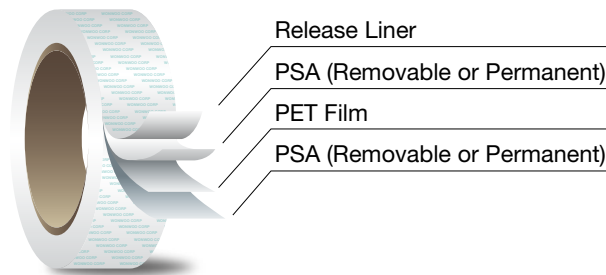
Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
5352	PET Film	Transparent	Acrylic	20	1.1
5353GC	PET Film	Transparent	Acrylic	30	1.3
5351B	PET Film	Transparent	Acrylic	50	1.6
5356	PET Film	Transparent	Acrylic	60	1.7
5356PLA	PET Film	Transparent	Acrylic	60	1.7
5356W	PET Film	Transparent	Acrylic	60	1.0 / 2.8
5308	PET Film	Transparent	Acrylic	80	1.5
5308PLA	PET Film	Transparent	Acrylic	80	1.5
5335	PET Film	Transparent	Acrylic	100	1.8
5335PLA	PET Film	Transparent	Acrylic	100	1.8
5335W	PET Film	Transparent	Acrylic	100	2.0 / 3.3
5316KA	PET Film	Transparent	Rubber	150	3.6
5312	PET Film	Transparent	Acrylic	150	2.9
5316A	PET Film	Transparent	Acrylic	170	2.1
5316F	PET Film	Transparent	Acrylic	200	3.7
5338T	PET Film	Transparent	Acrylic	200	2.4
5320F	PET Film	Transparent	Acrylic	200	2.1 / 3.0
5318A	PET Film	Transparent	Acrylic	200	2.6
5331G	PET Film	Black	Acrylic	30	1.1
5331F	PET Film	Black	Acrylic	50	1.5
5331A	PET Film	Black	Acrylic	100	1.7
5331B	PET Film	Black	Acrylic	150	2.5
5331C	PET Film	Black	Acrylic	200	3.0



# Differential Double-sided Tape

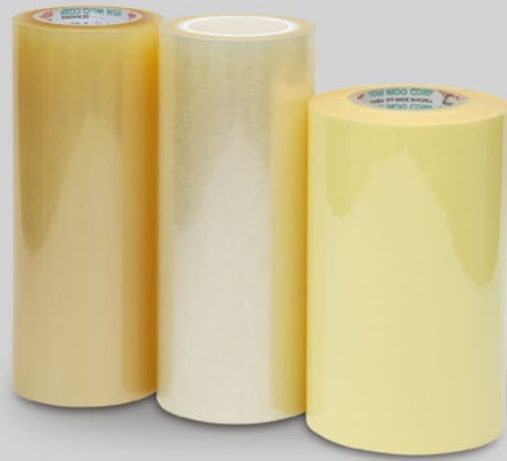
(D/S tape which has different adhesion or properties on each side)

- Both(permanent & removable) type of adhesive coated D/S tape
- Used for bonding of substrates requiring different adhesive properties



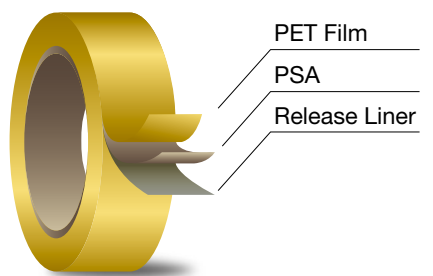
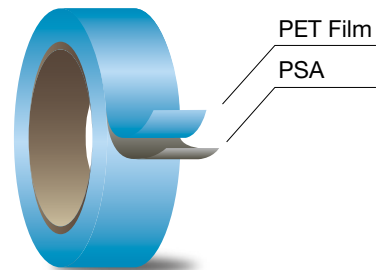
Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(grf/25mm)
532AN-50	PET Film	Transparent	Acrylic	55	1000 / 40
532AN-50A	PET Film	Transparent	Acrylic	55	1000 / 15
532AN-50K	PET Film	Transparent	Acrylic	55	1500 / 400
532AN-80	PET Film	Transparent	Acrylic	80	1800 / 40
5361W	PET Film	Transparent	Acrylic	80	600 / 1700
532AN	PET Film	Transparent	Acrylic	100	1700 / 600
532AN-100	PET Film	Transparent	Acrylic	100	1800 / 15
532C	PET Film	Transparent	Acrylic	110	70 / 1900
532AP	PET Film	Transparent	Acrylic	130	2000 / 1000
532AN-160	PET Film	Transparent	Acrylic	150	2000 / 300

Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(grf/25mm)
H38AL	PET Film	Transparent	Silicone / Acrylic	83	28(PET) / 1800
1310TC	PET Film	Transparent	Silicone / Acrylic	100	1400 / 2500
YP75A	PET Film	Transparent	Silicone / Acrylic	120	17(PET) / 420



## Removable Tape

- Removable Tape using acrylic adhesive
- Used for surface protection temporarily
- Leaves no residue after removing
- Temporary fixing of ornaments, logos or so in electrical home appliances industry



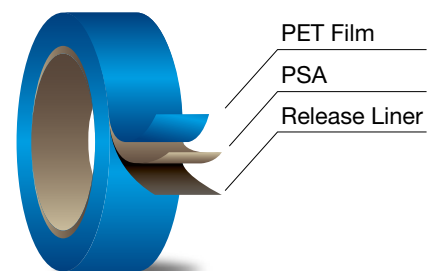
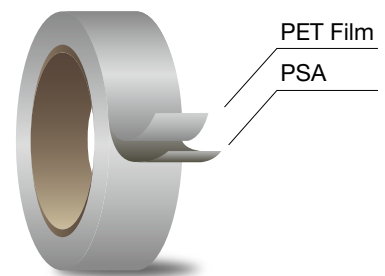
Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(grf/25mm)
8306K	PET Film	Transparent	Acrylic	140	70
8306L	PET Film	Transparent	Acrylic	110	5 / 8 (PET)
8340R	PET Film	Transparent	Acrylic	90	700
A03L	PET Film	Transparent	Acrylic	60	15 (PET)
A03T	PET Film	Transparent	Acrylic	60	4 / 10 (PET)
A07L	PET Film	Transparent	Acrylic	86	2 / 8 (PET)



## Removable Low-adhesion Silicone Adhesive Tape



- Good wetting property and removability
- Good heat & cold resistance
- Conversion-aid & protection of components in assembly & conversion process
- Leaves no residue after removing



Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength (PET)
					(grf/25mm)
UL05L-1	PET Film	Transparent	Silicone	58	2
ULM07L	PET Film	Transparent	Silicone	82	3
ULH07L	PET Film	Transparent	Silicone	80	3
ULH07L-BS	PET Film	Blue	Silicone	80	3
AS-ULH07L-1	PET Film	Blue	Silicone	80	3
L07	PET Film	Transparent	Silicone	83	5





## Removable Low-adhesion Silicone Adhesive Tape



Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength (PET)
					(grf/25mm)
L07L	PET Film	Transparent	Silicone	83	5
S7FL	PET Film	Transparent	Silicone	82	5
AS-DL07L-1	PET Film	Transparent	Silicone	81	6
AS-S7FGL-1	PET Film	Blue	Silicone	80	6
LMM07L	PET Film	Transparent	Silicone	83	7
ML07L	PET Film	Transparent	Silicone	83	10
YW-25A	PET Film	Transparent	Silicone	33	10
S7JL	PET Film	Transparent	Silicone	82	10
AS-ML07L	PET Film	Transparent	Silicone	83	10
S7KL	PET Film	Transparent	Silicone	82	16
MH07L	PET Film	Transparent	Silicone	83	17
H07L-CB2	PET Film	Blue	Silicone	92	20
H07L	PET Film	Transparent	Silicone	89	26
T03C	PET Film	Transparent	Silicone	48	28
R25L	PET Film	Red	Silicone	33	33
HD07L	PET Film	Transparent	Silicone	83	50
S03A	PET Film	Transparent	Silicone	52	58
HF07L	PET Film	Transparent	Silicone	83	80
HH07L	PET Film	Transparent	Silicone	85	150
HH07L-CB	PET Film	Blue	Silicone	86	150
K20A	PET Film	Transparent	Silicone	39	200
HU07L	PET Film	Transparent	Silicone	90	300
UH03	PET Film	Transparent	Silicone	47	700

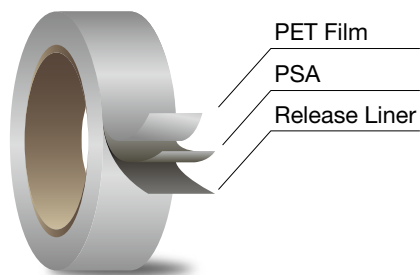
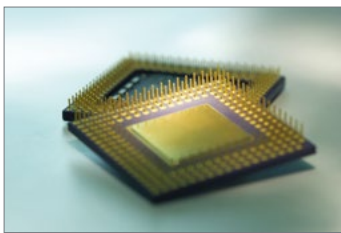




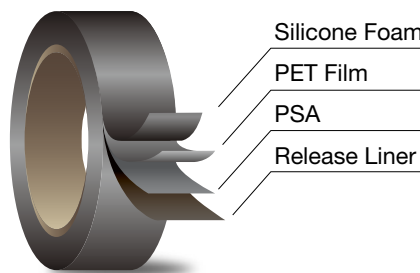
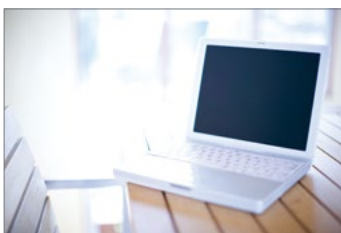
## Others

- Customized tape for special purpose

### Strong adhesion film tape with silicone adhesive



### Silicone foam tape



Model No.	Base	Color	Adhesive	Thickness(μm)	Peel Strength
					(kgf/25mm)
1306SW	PET Film	White	Silicone	60	1.1
SPA-035	Silicone Foam	Black	Acrylic	350	1.5
SPA-050	Silicone Foam	Black	Acrylic	500	1.5
SPA-070	Silicone Foam	Black	Acrylic	700	1.5
SPA-100	Silicone Foam	Black	Acrylic	1000	1.5

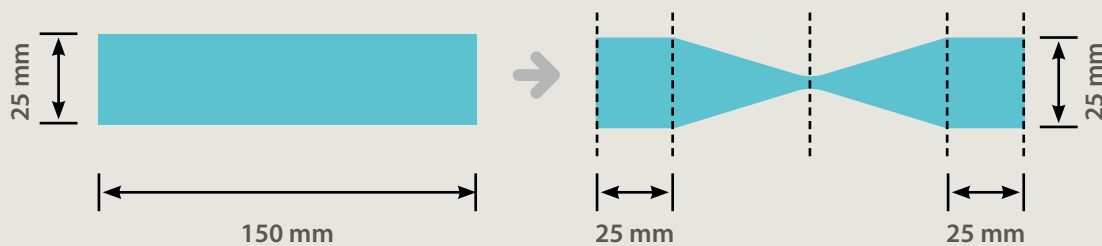
# Tape Test Method

- **Thickness (μm)**

Measure & record sample's thickness using 1/1000mm Thickness Digital Gauge

- **Tensile Strength (kgf/25mm)**

Prepare the specimen as 25mm x 150mm size and clamp ends of 25mm to the jig of UTM. Measure the maximum strength when UTM pulls 100mm of the specimen in 300±10mm/min speed and break it.



- **Elongation (%)**

Use the same method as tensile strength test and measure the stretched length. Calculate and record it using the formula below.

$$\text{Elongation(\%)} = \left[ \frac{(\text{Stretched Length when it's broken} - \text{Initial Length})}{\text{Initial Length}} \right] \times 100$$

- **Tape Adhesion (kgf/25mm)**



Stick the tape specimen to the substrate (Stainless Steel #304 or PET Film or Real Substrate) like the drawing above and leave it in RT(Room Temperature) condition for 30 minutes or 24 hours. Then, measure the average strength when UTM peel the specimen in 180 degree.

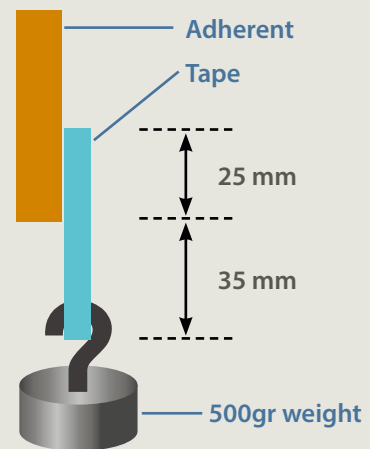
※ Test substrate can be changed as per the real substrate

- **PET Film Peel Strength (kgf/25mm)**

Stick 25μm PET Film to adhesive side of the tape specimen like Tape Adhesion Test and leave it in RT(Room Temperature) condition for 30 minutes or 24 hours. Then, measure the average strength when UTM peel the specimen in 180 degree.

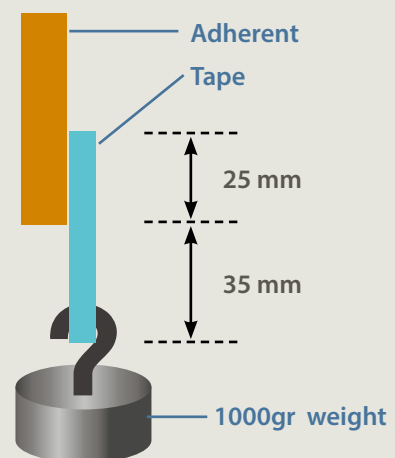
### • Heat Resistance (°C)

Prepare 0.5mm~2.0mm thick SUS-304 in 50mm wide & 70mm long and use it as a substrate. Prepare the tape specimen in 25mm x 95mm size and stick it to the substrate in 25mm long. Leave it in RT(Room Temperature) condition for 24 hours. Hang 500g weight on near 60mm point including 25mm adherend and put it in the oven. Raise the temperature of 10°C every 20 minutes from 40°C and record the result(temperature, failure condition) when the weight falls. If the weight doesn't fall, measure the slidden length.



### • Holding Power (mm)

Prepare 1.0mm~1.5mm thick SUS-304 in 50mm wide & 70mm long and use it as a substrate. Prepare the tape specimen in 25mm x 95mm size and stick it to the substrate in 25mm long. Leave it in RT(Room Temperature) condition for 24 hours. Hang 1kg weight on near 60mm point including 25mm adherend and put it in the Holding Power Tester. Leave it for 60 minutes and measure the slidden length. If the weight falls within 60 minutes, record the time when it happens.



- ※ In case of Double-sided tape, laminate 25 $\mu$ m PET Film on the opposite side of the test side.
- ※ When we stick the tape specimen on the substrate, we press it once using 5kg roller.



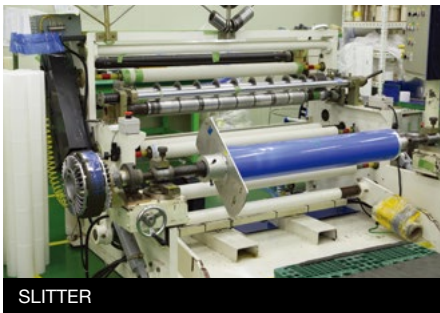
PILOT COATER



REWINDER



SLITTER



SLITTER



SLITTER



CUTTER



COATER



COATER



COATER

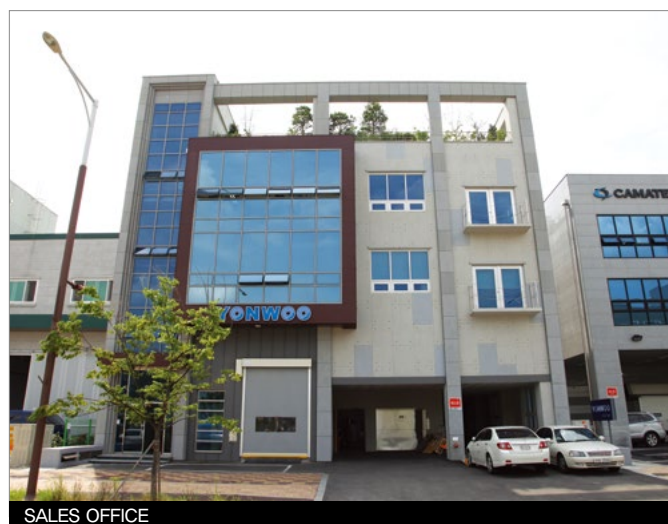


COATER

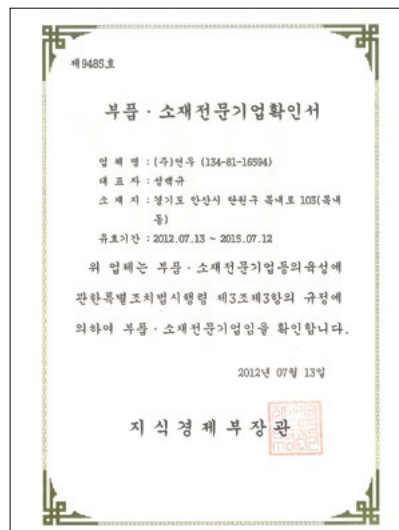
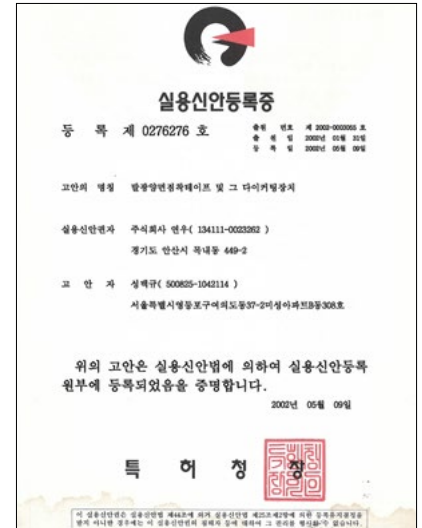
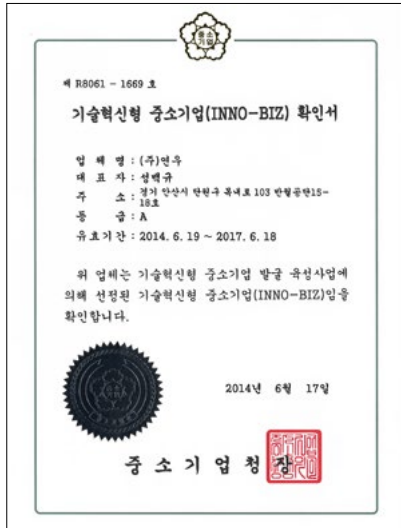


# Manufacturing Facilities

	EQUIPMENT NAME
COATING	NORMAL COATING M/C
	SEMI CLEAN ROOM COATING M/C
	CLEAN ROOM COATING M/C
	PILOT COATING M/C
CONVERTING	REWINDING M/C
	SLITTING M/C
	CUTTING M/C
	TRAVERSE WINDING M/C



# Certificates





► Navigation Add. : 103, Mongnae-ro, Danwon-gu, Ansan-si, Gyeonggi-do (Banwol Industrial Complex 15B-18L)



► Navigation Add. : 28, Gongdan-ro 140beonan-gil, Gunpo-si, Gyeonggi-do (Dangjeong-dong)

[www.yonwootape.com](http://www.yonwootape.com)



## Yonwoo Corporation

### Head Office / Factory

103, Mongnae-ro, Danwon-gu, Ansan-si, Gyeonggi-do, Korea, 15602(425-100)

TEL : +82-31-495-8011, 495-6655 (Sales Department)

FAX : +82-31-495-0190, 495-6653 (Sales Department)

### Gunpo Sales Office / Factory

28, Gongdan-ro 140beonan-gil, Gunpo-si, Gyeonggi-do, Korea, 15845

TEL : +82-31-495-6655 FAX : +82-31-495-6653

### Hanoi(Vietnam) Business Office

So1, Duong Nguyen Gia Thieu, Phuong Suoi, Hoa, Thanh Pho Bac Ninh, Tinh Bac Ninh, Vietnam

TEL : 0241-389-3355