

Double Coated Tissue Tape LY-88/ LY-88B

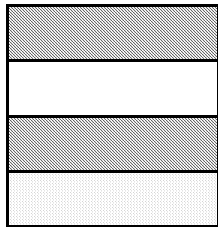
LY-88/ LY-88B is double coated adhesive tape with non-woven tissue paper.

High adhesion acrylic pressure-sensitive adhesive is coated on both side for many types of substrates.

The performance is a good adhesion power and high initial tack under the several conditions.

LY-88B is black color version of LY-88, its performance is same as LY-88.

Composition



Item	Materials	Thickness	others
Adhesive (PSA)	Acrylic co-polymer		
Carrier	Non-woven Tissue Paper	150 micron	LY-88: white LY-88B: black
Adhesive (PSA)	Acrylic co-polymer		
Release Liner	White Paper Laminated PE	120 micron	

Specifications

Size 1250 mm (width) * 50 M (length)

* available width= 1200 mm

Packaging 3 inch paper core, polyethylene tube,
Paper hanging protector, high-grade carton box.

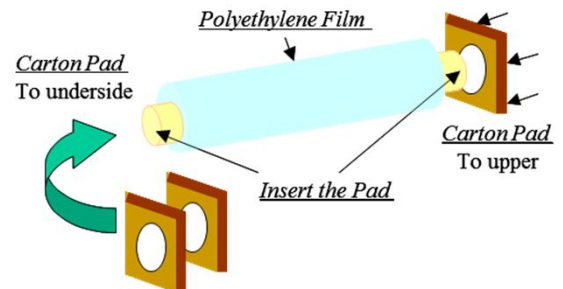


Figure. Packaging of Log Roll

Item	Unit	Value	Method
Tape Thickness	micron	150 +/- 20	Carrier & Adhesive
Tape Available Width	mm	1200 +20/- 0	
Tape Length	M	50 +0.3/ -0	

attention; The values indicated here are only part of measurement results at our laboratory. So they are not guaranteed values.

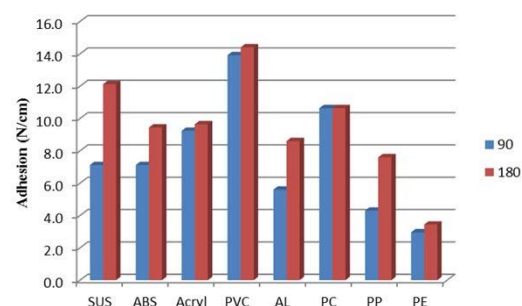
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Properties

* Adhesion (Standard Condition)

peel angle	Test Plate							
	SUS	ABS	Acryl	PVC	AL	PC	PP	PE
90	7.1	7.1	9.2	13.9	5.6	10.6	4.3	3.0
180	12.1	9.4	9.6	14.4	8.6	10.6	7.6	3.4

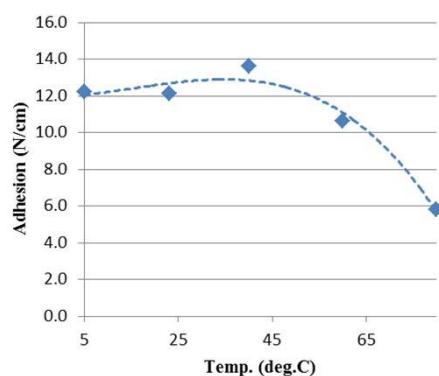
unit: N/cm



* Adhesion (Effect of Thermal Condition)

Item	Temperature (deg.C)				
	5	23	40	60	80
LY-88	12.2	12.1	13.6	10.6	5.8

unit: N/cm



* Static Shear (Standard Condition)

Temp.	deg.C	40	80
Weight	KG	1	1
LY-88		0.3	0.8

unit: mm/1440min. Plate: SUS

* Holding Power (Standard Condition)

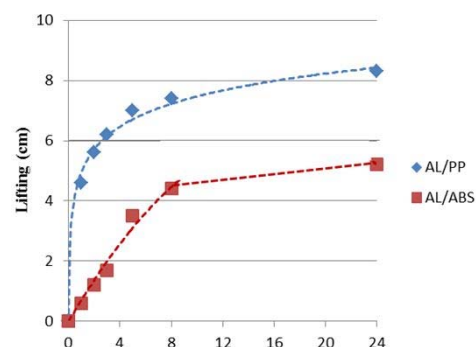
Temp.	deg.C	40	80
Weight	KG	50	100
LY-88		1.5	2.5
		8.0	39 min.
			fall off

angle: ∠90 unit: mm/60min. Plate: SUS

* Repulsive Resistance

Time	H. Plate	H.					
		1	2	3	5	8	24
	AL/PP	4.6	5.6	6.2	7.0	7.4	8.3
	AL/ABS	0.6	1.2	1.7	3.5	4.4	5.2

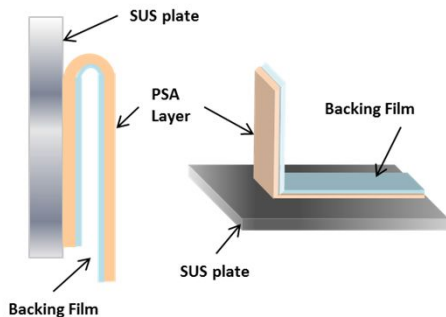
unit: cm



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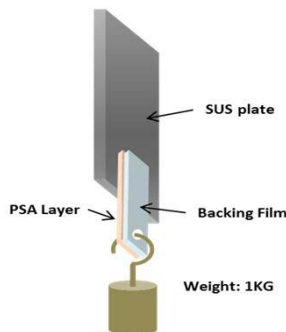
Test Method

* Adhesion (peel strength)



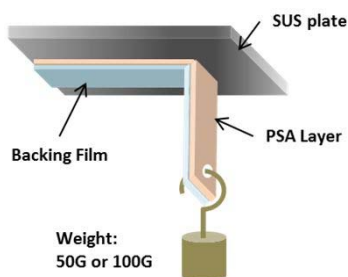
Tape Size	250 mm(L)* 25 mm(W) * lamination area: 100 mm* 25 mm
Peel	300 mm/min. speed/ ∠90/ 180 angle
Backing	Polyethylene terephthalate Film (25 micron)
Lamination	2kg rubber roller/ 300 mm/min. speed/ once for each direction
Dwell	30 min. at 23 deg.C*50%RH (standard) 60 min. at the each temperature (thermal test)

* Static Shear



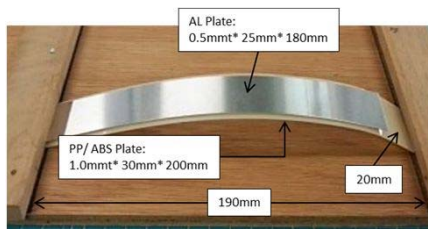
Tape Size	100 mm(L)* 25 mm(W) * lamination area: 25 mm* 25 mm
Backing	PET Film (25 micron)= under 40 deg.C test PET Film (100 micron)= over 40 deg.C test
Lamination	2kg rubber roller/ 300 mm/min. speed/ once for each direction
Dwell	30 min. at the each temperature

* Holding Power



Tape Size	70 mm(L)* 10 mm(W) * lamination area: 50 mm* 10 mm
Backing	PET Film (25 micron)
Lamination	2kg rubber roller/ 300 mm/min. speed/ once for each direction
Dwell	60 min. at the each temperature

* Repulsive Resistance



Size	AL: 180 mm (MD) * 25 mm (CD) * 0.5 mmt. Tape: 180 mm (MD) * 25 mm (CD) PP/ ABS: 200 mm (MD) * 30 mm (CD) * 1.0 mmt.
Lamination	5kg rubber roller/ 300 mm/min. speed/ once for each direction
Dwell	24 H. at 23 deg.C* 50%RH
Condition	24 H. at 60 deg.C

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