

**ALUMINIUM TAPE(P/N : UK-100 : Conductive Adhesive Tape)**

(주) 뉴티씨 (NewTC)

<http://www.NewTC.co.kr>

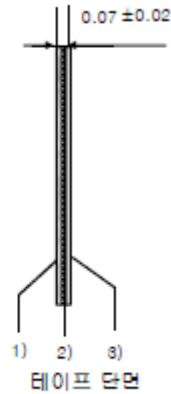
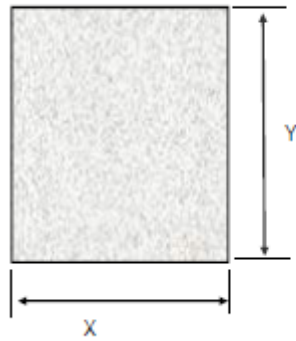
1 ALUMINIUM TAPE

2-1 Description

전기 전도성 테이프는 전자장비에서 이음매의 보완을 위해 주로 사용되고 있습니다. 이것은 전도성 직물과 Foil재료로 이용이 가능하고, 우수한 전기적 특성을 갖고 있습니다. 특히, Conductive fabric tape는 유연성이 뛰어나 Sets에 적용시 반복되는 구부림, 찢김에 대하여 우수한 특성을 지니고 있습니다.

2-2 Application

- ◆ Cable & Wire Shielding
- ◆ Connector
- ◆ Housing
- ◆ FPCB
- ◆ Grounding

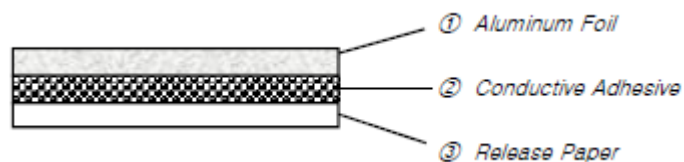


NO	Material Name	Specification	Material	Remark		
1)	Base Material	Thickness : 0.07mm	Aluminium Foil			
2)	Conductive Adhesive	Adhesive Strength : Min. 800gf/25mm	Ni Powder + Adhesive			
3)	Release Paper	70g/sq	CP Paper			
DATE		Scale	Unit	General Tolerance	Title	ALUMINIUM TAPE
2008.06.15		N/S	mm			
Designed by		Reviewed by	Approved by		Pate No.	UK- 100
					Drawing No.	

## 2 Conductive Adhesive Tape (P/N : UK-100)

### 2-1 Material & Construction

Item	Class	Reference
① Base Material	Aluminum Foil	-
② Adhesive	Conductive Adhesive	-
③ Release Paper	CP Paper	70 g/sq, Double Side PE, One Side Release Treated
Total Thickness(①+②)		0.07±0.02 mm



## 2-2 Conductive Adhesive Resin Composition

- ◆ The Principal Ingredient (Adhesive Resin) : Acrylic Ester Polyol Copolymer
- ◆ Modified Chemical Material (Conductive Filler Located in Adhesive) : Modified Nickel & Carbon Pigment

## 2-3 Characteristics

Item	Unit	Spec.	Reference
Adhesive Strength(180° peel)	gf/25mm	Min. 800	PET Film (25 $\mu$ m) / SUS 304 Plate
Holding Power	sec	more than 3,600	PET Film (25 $\mu$ m) , 40 $^{\circ}$ C, 500 g
Ball Tack	Ball No.	7 $\pm$ 1	J. DOW Method
Contact Resistance	$\Omega$ /25mm <sup>2</sup>	less than 0.1	1Kg Pressure
Temp Range	$^{\circ}$ C	-30 ~ 105	



<ALUMINUM TAPE\_UK-100-20>



<ALUMINUM TAPE\_UK-100-50-100>

(주)뉴티씨(NEWTC)에서 판매하는 품목						
품명	구분	규격	길이(mm)	수량	용도	
SHIELD FORM	TAFETA	비난연	UKB10-LS10-190-5	190	5	전계용
	TAFETA	비난연	UKB6-LN6-200-5	200	5	전계용
	TAFETA	난연	UKU13-3-150-8	150	5	전계용
	RIP	비난연	URB10-R5-200-D	200	5	전계용
	RIP	비난연	URB5-1.5-200-4	200	5	전계용
	RIP	비난연	URB8-4-180-4	180	5	전계용
	RIP	비난연	URB9-1-200-D	200	5	전계용
	RIP	난연	URU10-3-150-8	150	5	전계용
TAPE	ALRUMINUM	가공	UK-100-50-100		10	전계용
		를	UK-100-20	50	1	전계용
	COPPER	가공	UK-101-50-100		10	전계용
		를	UK-101-20	25	1	전계용
	C/FABRIC	가공	UK-102-50-100		10	전계용
		를	UK-102-20	50	1	전계용
	C/FABRIC(M)	가공	UK-106-50-100		10	전, 자계용
		를	UK-106-20	50	1	전, 자계용
	INSULATOR	가공	UK-300-50-100		10	절연용
		를	UK-300-20	50	1	절연용
가공		UK-300-210-300		2	절연용	
SHIELD CUSHION	시트	UCC-1.3-100-200		1	전계용	
ABSORBER	시트	USOB-1.0-V2-A4		1	전계용	
THERMAL SHEET	시트	UTH-220-220-1T		1	열전용	