



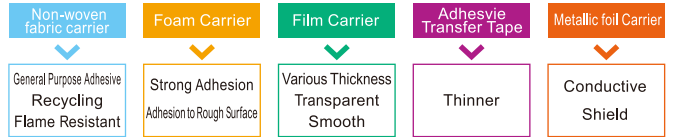
PRODUCT GUIDE

INDUSTRIAL ADHESIVE TAPES

DAITAC® 2019

DAI TAC High Performance Double-Coated Adhesive Tape

DIC offer industrial adhesive tapes that meet various needs based on synthetic and coating technologies mainly for the electronics and automotive fields.



Double-Coated Non-Woven Fabric Adhesive Tapes

Feature	Product Code	Liner Color Sample	Adhesive Force (N/20mm)	Thickness(mm)	Adhesive Substrate	Application	Max Width/Std Length	
Removable Type	#8800CH		15.2	0.145	Acrylic-based	<ul style="list-style-type: none"> A recyclable tape that utilizes a strong adhesive which peels easily, without leaving adhesive residue for recycling. Good for strong substrate, workability and removable property. Excellent repulsion resistance and durability. ★UL969 (File No:MH12834) ※With prints product name on release paper 	1000mm/50m	
	#8800CHW	Recycling Application					1060mm/50m	
	#8100CH		12.0	0.10	Acrylic-based		<ul style="list-style-type: none"> A recyclable tape with high intensity non-woven that utilizes a strong adhesive which peels easily, without leaving adhesive residue for recycling. •Excellent repulsion resistance and durability. 	1000mm/50m
	#8800DR	Recycling Application	15.2(inward) 10.0(outward)	0.145	Acrylic-based Strong Adhesive Acrylic-based Removable		<ul style="list-style-type: none"> A tape that combining strong adhesion excellent for urethane foam and removable adhesive that restrain adhesion aging .Double-coated tape that utilizes different adhesive force. 	1060mm/50m
General Type	#810HD		15.2	0.145	Acrylic-based	<ul style="list-style-type: none"> Used for a variety of electrical, automobile, architectural, material and general purpose products. •Excellent repulsion resistance and durability. ★#810HD is approved UL969 (File No:MH12834) ※With prints product name on release paper ※There is also black adhesion type tape named 810HD Black 	1060mm/50m	
	#815GT	General Purpose	13.7	0.14	Acrylic-based	<ul style="list-style-type: none"> •Suitable for every kind of urethane foam, felt, metal, plastic and other adherend. ★UL969 (File No:MH12834) 	1060mm/50m	
	#815AT	General Purpose	14.0	0.10	Acrylic-based	<ul style="list-style-type: none"> •Suitable for various use such as fixing urethane foam, felt, nameplate and other adherend. 	1060mm/50m	
Shock Resistance	#8810SA-120S		11.0	0.12	Acrylic-based	<ul style="list-style-type: none"> •Excellent shock resistance. Overall performance for a wide range of bonding applications of interior and exterior parts for mobile phone. •Excellent adhesion on UV-coated surface. ※With prints on release paper 	1200mm/50m	
	#8810SA-160S		15.2	0.16				
	#8810SA-200S		17.0	0.20				
	#8810SA-BLACKS		15.2	0.16				For Cellular Phone/PDA
Low Polarity Resistance	#8840ER		29.4	0.135	Synthetic Rubber-based	<ul style="list-style-type: none"> •Excellent performance to various metals and plastics. •Also, suitable for rubbers, PE/PP products which are hard to adhere. ※Caution: Adhesion to rubber materials may decrease with age due to the migration of chemicals within the rubber. Make sure to check chemical migration in advance before using this product. ※With prints on release paper 	1060mm/50m	
	#8840ERS-200		34.0	0.20	Strong Adhesive/PP Adhesive			
Low VOC	#8810TD		16.0	0.14	Acrylic-based (non-Toluene)	<ul style="list-style-type: none"> •No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. •Excellent adhesion, repellency-resistance and durability. ※With prints on release paper 	1060mm/50m	
	#8810TDR	Recycling Application	15.0	0.14	Acrylic-based (non-Toluene)	<ul style="list-style-type: none"> •No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. •Recyclable tape that utilizes a strong adhesive which peels easily without leaving adhesive residue for recycling. •Superb repellency-resistance, durability, strong carrier for dimension stability. 	1000mm/50m	
	#810TB	General Purpose/Black Color	15.2	0.135	Acrylic-based (non-Toluene/Black)	<ul style="list-style-type: none"> •No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. •Used for electrical automobile, architectural material and general purpose products. •Superb repellency-resistance, durability, strong carrier for dimension stability. 	1060mm/50m	
	AD-140E		15.0	0.14	Acrylic-based	<ul style="list-style-type: none"> •Non-solvent adhesive which reduces VOC and odor. •No indoor air pollutants designated by the MHLW Guideline are used in raw materials. •Used for bonding to foam, felt, nameplate, etc. ※With prints on release paper 	1030mm/50m	
Flame Resistance	#8810NR-TD		12.7	0.155	Acrylic-based (non-Toluene/Flame Resistant)	<ul style="list-style-type: none"> •Environmentally friendly flame resistant double-coated tape which does not use halogen -based flame retardant. Toluene and Xylene are not used in the raw materials. •Excellent repellency-resistance and durability. ★UL94-VTMO Approved [File No:E130059] ※With prints product name on release paper 	1000mm/50m	
Thermally Conductive	TCF-150NR		14.0	0.15	Acrylic-based (non-Toluene/Thermally Conductive)	<ul style="list-style-type: none"> •Excellent thermal conductivity. •Flexible fabric substrate and high adhesion helps decreasing air bubble that prevents heat conduction. •Excellent durability. •No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. 	1000mm/50m	
	TCF-200NR		19.0	0.20				
Heat Resistance	#8180	Heat Resistant	13.2	0.14	Acrylic-based	<ul style="list-style-type: none"> •Heat resistant to 150°C. •Excellent heat and shear resistant adhesive for high temperature applications. Excellent durability when used with heat resistant non-woven fabric. Non-Yellowing adhesive formulation. •Suitable for high temperature applications which are near a heat source. 	1000mm/50m	

Double-Coated Foam Adhesive Tapes

Feature	Product Code	Liner Color Sample	Adhesive Force (N/20mm)	Thickness(mm)	Adhesive Substrate	Application	Max Width/Std Length
Waterproof Tape	#8402BLACK-150		15.0	0.15	Acrylic-based	<ul style="list-style-type: none"> • Strong adhesive foam tape using special foam that performs high conformability. • Excellent adhesive and waterproof tape. Suitable for fixing parts in mobile equipment. 	980mm/50m
	#8402BLACK		15.0	0.20			
	#84010BLACK		10.0	0.10			
	#84015BLACK		15.0	0.15			
	#84020BLACK		15.0	0.20			
	#84025BLACK		18.0	0.25			
	#84030BLACK		20.0	0.30			
	#84030SP		16.0	0.25			
#84025SP	16.5	0.30	Narrow Width Processing				
Thick Coating	#8404BLACK		19.6	0.4	Acrylic-based	<ul style="list-style-type: none"> • Strong adhesive foam tape using special foam that performs high conformability. • Performs well to polyolefin and works good for sealing. • Highly performs for shock absorbing. Recommended sealing for fixing Emblem, and other panels. • Suitable for fixing rough surface. 	980mm/50m
	#8408BLACK			0.8			960mm/10m
	#8412BLACK			1.2			
Low VOC	#8404TD Black	Low VOC	19.6	0.4	Acrylic-based (non-Toluene)	<ul style="list-style-type: none"> • Toluene excluded type of 8404BLACK. ※We also have 150um,200um tapes. 	980mm/30m
Strong Adhesion	STA400	Strong Adhesive Foam Tape	18.0	0.4	Acrylic-based (non-Toluene)	<ul style="list-style-type: none"> • Excellent adhesive and durability tape. ※We also have 150um,200um tapes. 	980mm/50m

Values given in the table(s) are examples of laboratory measurements. These values are not guaranteed for any specific application. Please contact us for slit sizes.

Double-Coated Film Adhesive Tapes

Feature	Product Code	Liner Color Sample	Adhesive Force (N/20mm)	Thickness(mm)	Adhesive Substrate	Application	Max Width/Std Length	
Ultra Thin	#8602TNW-05		5.0	0.005	Acrylic-based	<ul style="list-style-type: none"> Ultra thin double-coated tape that is less than 10um thick. Excellent for die-cut processing. Excellent workability, best suited for attaching graphite and magnetic sheets. Easy peel liner. 	1000mm/100-150m Random	
	#8603TNW-10	Ultra Thin Tape	8.0	0.01				
	#8606TN		7.0	0.03	Acrylic-based	<ul style="list-style-type: none"> 30um double coated tape. Excellent for die-cut processing Good initial adhesion for general purpose attachment and bonding applications. 	1000mm/50m	
	Differential Tape	#8602TNFW-05		8.0(inward) 5.0(outward)	0.005	Acrylic-based Strong Adhesive	<ul style="list-style-type: none"> Ultra-thin double coated tape under 10um thick. Inward side highly performance to rough surface. Excellent for die-cut processing. Excellent workability, best suited for attaching graphite and magnetic sheets. Easy peel liner. 	1000mm/100-150m Random
		#8603TNFW-10	Ultra Thin Tape	5.0(inward) 11.5(outward)	0.01	Acrylic-based Strong Adhesive		
Air Releasing	TN06AIR		2.5(inward) 3.0(outward)	0.006	Acrylic-based (Dot pattern)	<ul style="list-style-type: none"> Excellent air releasing property because of dot pattern adhesive. Keep stable good property because dot pattern adhesive has good durability against pressure & heat. 	980mm/100-150m Random	
	TN10AIR		5.0(inward) 3.0(outward)	0.01			1000mm/100-150m Random	
	TN20AIR		Ultra Thin Tape/Air releasing	5.0(inward) 4.0(outward)	0.02		Acrylic-based	1000mm/100-150m Random
General Purpose	#8616S		12.0	0.06	Acrylic-based	<ul style="list-style-type: none"> Excellent initial adhesion, and heat-resistance. Suitable for plastics, and films attachment. Keep dimensions while attaching flexible materials. Various thicknesses available. Suitable for spacer applications. 	1060mm/50m	
	#8625S		12.0	0.08				
	#8650S		12.0	0.10				
	#8675S		12.0	0.125				
	#86100S		12.0	0.15				
	#86188S		Available in Various Thicknesses	9.0			0.25	980mm/50m
	#8616V	General Purpose	13.0	0.07	Acrylic-based	<ul style="list-style-type: none"> Suitable for every kind of urethane foam, felt, metal, plastic and other adherend. Keep dimensions while attaching flexible materials. 	1000mm/50m	
Low VOC	MOT-50	General Purpose	11.0	0.05	Acrylic-based (non-Toluene)	<ul style="list-style-type: none"> Excellent adhesive and smooth surface. No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. 	1000mm/50m	
Removable Type	General	#8616CH	Recycling Application	13.5	0.10	Acrylic-based	<ul style="list-style-type: none"> Strong removable tape without residue remained. Strong substrate, good for die-cut, and re-fixing. Excellent repellency resistance and durability. 	1000mm/50m
		#86100CH	Recycling Application/Thick type	13.0	0.19	Acrylic-based	<ul style="list-style-type: none"> Strong removable tape without residue remained. Keep dimensions while attaching flexible materials. Because of using 100µm PET film as the base material, it is easy to tear it off from a release paper liner, and provide high tensile strength and dimensional stability. 	1000mm/50m
	Low VOC	#8616TDR	Recycling Application	15.0	0.10	Acrylic-based (non-Toluene)	<ul style="list-style-type: none"> No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. Recyclable tape that utilizes a strong adhesive which peels easily without leaving adhesive residue for recycling. 	1000mm/50m
Repulsion Resistance	Transparent	FRT30		9.0	0.03	Acrylic-based	<ul style="list-style-type: none"> Designed to prevent lifting of LCD panels by FPC forces. Excellent adhesive strength and repulsion resistance. 	1000mm/50m
		FRT50		11.0	0.05			
		FRT100	Repellency Resistance	15.0	0.10			
	Reflection	#8612EDX-W-30A		7.5	0.03	Acrylic-based	<ul style="list-style-type: none"> Polyester film is white on one side and black on the other. White side has excellent light reflection characteristics and the black side is non-reflective. Excellent repulsion resistance. Designed to prevent lifting of LCD panels by FPC forces. Halogen free tape that does not use any halogenated raw materials. 	980mm/50m
		#8612EDX-W-50		10.0	0.05			
		#8612EDX-W-60		12.0	0.06			
		#8612EDX-W-85		14.0	0.085			
		#8612EDX-W-100		Light Shielding/Repulsion Resistance	14.5			
	Light shielding	RTS30-S		11.0	0.03	Acrylic-based	<ul style="list-style-type: none"> Designed to prevent lifting of LCD panels by FPC forces. Excellent light shielding performance. 	1000mm/50m
		RTS50-S		11.5	0.05			
RTS60-S		13.5		0.06				
RTS85-S		Light Shielding/Repulsion Resistance		16.0	0.085			
Strong Adhesion	Light shielding	#8616UJ-50		13.0	0.05	Acrylic-based	<ul style="list-style-type: none"> Double-coated adhesive tape featuring ultra-high adhesion. Designed to attach and bond backlight and liquid-crystal displays. Antistatic treatment of release film prevents static attraction. 	1000mm/50m
		#8616UJW-50		20.0	0.10			980mm/50m
		#8625UJ		20.0	0.10			1000mm/50m
	Light shielding	#8616UJ Black-50(N)	Light Shielding/Strong Adhesion	13.0	0.05	Acrylic-based	<ul style="list-style-type: none"> Light shielding double-coated adhesive tape featuring ultra-high adhesion. Designed to attach and bond backlight and liquid-crystal displays. Antistatic treatment of release film prevents static attraction. Halogen free tape that does not use any halogenated raw materials. 	1000mm/50m
		#8625UJ Black(N)	Light Shielding/Strong Adhesion	20.0	0.10			
single-side removable	Light shielding	#8612DFT	Permanent/Removable Adhesion	11.0(inward) 10.0(outward)	0.10	Acrylic-based Strong Adhesive / Acrylic-based Removable	<ul style="list-style-type: none"> Tape combined with removable/permanent adhesive. Tape can be used for surfaces that will be recycled since removable side will not leave adhesive residue on most substrates. Best suited for attaching POP. 	980mm/50m
		#8616DJ-50	Permanent/Removable Adhesion	10.0(inward) 5.0(outward)	0.05	Acrylic-based Strong Adhesive / Acrylic-based Removable	<ul style="list-style-type: none"> Excellent permanent/removable tape designed for attaching parts that require removability. 	1000mm/50m
		#8616DJ Black(N)	Permanent/Removable Adhesion	10.0(inward) 5.0(outward)	0.05	Acrylic-based Strong Adhesive / Acrylic-based Removable	<ul style="list-style-type: none"> Excellent for light shielding, rework and removability. Designed to attach and bond backlight and liquid-crystal displays. Halogen free tape that does not use any halogenated raw materials. 	1000mm/50m
single-side silicon adhesion	#8625HPW	Silicone/Acrylic Adhesive	10.8(inward) 9.8(outward)	0.10	Acrylic-based / Silicone Adhesive	<ul style="list-style-type: none"> A silicone side/acrylic side double coated tape. Silicon side designed to bond to silicone rubber as well as UV coated surfaces. ※Silicone rubbers may vary depending on chemistry and manufacturing processes. Please confirm performance before specifying tape product. 	1000mm/50m	
Low Polarity Resistance	#8616ER-80		18.0	0.08	Synthetic Rubber-based	<ul style="list-style-type: none"> Excellent performance to various metals and plastics. Also, suitable for rubbers, PE/PP products which are hard to adhere. Good for die-cutting. ※With prints on released paper 	1060mm/50m	
	#8625ER-140		29.0	0.14				

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Single-Coated Film Adhesive Tapes

Feature	Product Code	Surface Substrate Color Sample	Adhesive Force (N/25mm)	Thickness(mm)	Adhesive Substrate	Application	Max Width/Std Length																																																																							
Thin Masking	IL-05G		3.5	0.005	Acrylic Adhesive	<ul style="list-style-type: none"> Ultra thin and good adhesion. Recognizable black tape. Good visibility with black color. 	1000mm/ 100-150m Random																																																																							
	IL-10G		4.5	0.01				Insulating	PF-025H		14.0	0.06	Acrylic Adhesive	<ul style="list-style-type: none"> PET substrate adhesion tapes that good smoothness and transparent quality. Excellent heat resistance. PET carrier tapes are approved under UL94-VTM2. 	1000mm/50m	PF-050H	17.6	0.085	PF-075H	17.6	0.11	PF-100H	19.1	0.135		PI-025		9.8	0.05	Acrylic Adhesive	<ul style="list-style-type: none"> Tape consist of a 25µm polyimide carrier with a high heat resistant acrylic adhesive. Suitable liner for good workability. Designed for applications requiring insulation and high heat resistance. UL510FR Approved (File No: E167390) 	980mm/50m	Light Shielding	LS-016H(N)		6.0	0.03	Acrylic Adhesive (Black)	<ul style="list-style-type: none"> Excellent for light shielding. Consisting of Black PET carrier and black adhesive. Excellent for adhesion and light shielding characteristics in a thin tape. Halogen free tape, utilizes no halogenated compounds. PET carrier it self is transparent (black coated). Lighting may transmit horizontally. 	1000mm/50m	LS-025H(N)	11.0	0.05	LS-050H	12.0	0.075	Protection film	PACHCUT PET50SER		0.1	0.07	Acrylic Adhesive	<ul style="list-style-type: none"> Can be used as a protection film. Film can be removed. PET carrier provides good workability. 	1090mm/100m	SOFTACK PO CLEAR 80SER		0.2	0.10	Acrylic Adhesive	<ul style="list-style-type: none"> Protection film for display and others. No residues would be seen. Flexible polyolefin substrate ables to conform rough surface. UV and offset printing on polyolefin film is possible. 	1090mm/100m	Anti-Shattering	HC1100SF-TP		6.0 (to tempered glass)	0.094	Acrylic Adhesive	<ul style="list-style-type: none"> Fingerprints and oils will removed easily from hard-coated film surface. Hard coated adhesive film will protect glass surface on electronic mobile devices and prevent glass from shattering. Excellent optical clarity and posses the highest standard of pencil hardness. (2-3H/with adhesive) Protective film is used on Hard coated PET film. 	960mm/ 100m-150m Random	HC2120SF-TP	6.0 (to tempered glass)	0.12	HC6100SF-DP2	—	0.11	Shock Absorbing	SAG100	
Insulating	PF-025H		14.0	0.06	Acrylic Adhesive	<ul style="list-style-type: none"> PET substrate adhesion tapes that good smoothness and transparent quality. Excellent heat resistance. PET carrier tapes are approved under UL94-VTM2. 	1000mm/50m																																																																							
	PF-050H		17.6	0.085																																																																										
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	PF-100H		19.1	0.135																																																																										
	PI-025		9.8	0.05	Acrylic Adhesive	<ul style="list-style-type: none"> Tape consist of a 25µm polyimide carrier with a high heat resistant acrylic adhesive. Suitable liner for good workability. Designed for applications requiring insulation and high heat resistance. UL510FR Approved (File No: E167390) 	980mm/50m																																																																							
Light Shielding	LS-016H(N)		6.0	0.03	Acrylic Adhesive (Black)	<ul style="list-style-type: none"> Excellent for light shielding. Consisting of Black PET carrier and black adhesive. Excellent for adhesion and light shielding characteristics in a thin tape. Halogen free tape, utilizes no halogenated compounds. PET carrier it self is transparent (black coated). Lighting may transmit horizontally. 	1000mm/50m																																																																							
	LS-025H(N)		11.0	0.05																																																																										
	LS-050H		12.0	0.075																																																																										
Protection film	PACHCUT PET50SER		0.1	0.07	Acrylic Adhesive	<ul style="list-style-type: none"> Can be used as a protection film. Film can be removed. PET carrier provides good workability. 	1090mm/100m																																																																							
	SOFTACK PO CLEAR 80SER		0.2	0.10	Acrylic Adhesive	<ul style="list-style-type: none"> Protection film for display and others. No residues would be seen. Flexible polyolefin substrate ables to conform rough surface. UV and offset printing on polyolefin film is possible. 	1090mm/100m																																																																							
Anti-Shattering	HC1100SF-TP		6.0 (to tempered glass)	0.094	Acrylic Adhesive	<ul style="list-style-type: none"> Fingerprints and oils will removed easily from hard-coated film surface. Hard coated adhesive film will protect glass surface on electronic mobile devices and prevent glass from shattering. Excellent optical clarity and posses the highest standard of pencil hardness. (2-3H/with adhesive) Protective film is used on Hard coated PET film. 	960mm/ 100m-150m Random																																																																							
	HC2120SF-TP		6.0 (to tempered glass)	0.12																																																																										
	HC6100SF-DP2		—	0.11																																																																										
Shock Absorbing	SAG100		10.0	0.105	Acrylic Adhesive	<ul style="list-style-type: none"> Excellent for cushion usage. Using back side of display, it will help to prevent cracks. We also have 85um/150um/210um tapes. 	980mm/50m																																																																							

Adhesive Transfer Tapes

Feature	Product Code	Liner Color Sample	Adhesive Force (N/20mm)	Thickness(mm)	Adhesive Substrate	Application	Max Width/Std Length
Heat Resistance	#8080		10.3	0.06	Acrylic-based	<ul style="list-style-type: none"> Heat resistant adhesive transfer tape. Heat resistant to 150°C. Good workability. Suitable for various applications; including nameplate, general industrial surfaces and high heat requirements. UL969 Approved (File No: MH12834) 	1000mm/50m
Flame Resistance	#8080NR		10.0	0.05	Acrylic-based (Flame Resistant)	<ul style="list-style-type: none"> Environmentally friendly flame resistant transfer tape which does not use halogen-based flame retardant. Excellent for bonding applications requiring a flame retardant adhesive system. UL510FR Approved (File No: E167390) 	1000mm/50m
Electrically Conductive	#8035N		7.0	0.03	Acrylic-based (Electrically Conductive)	<ul style="list-style-type: none"> Electrically conductive adhesive transfer tape. Designed for bonding applications requiring conductivity. 	1000mm/50m

High Transparency Adhesive Transfer Tapes







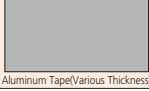

Feature	Product Code	Liner Color Sample	Adhesive Force (N/25mm)	Thickness(mm)	Adhesive Substrate	Application	Max Width/Std Length
High Transparency	ZB7010W-10		9.0 (to glass)	0.01	Acrylic-based	<ul style="list-style-type: none"> Excellent Transparency. Resists outgassing from plastic substrates. Excellent processability. 	980mm/ 100-150m Random
	ZB7010W-15		10.0 (to glass)	0.015			
	ZB7011W		11.0 (to glass)	0.025			
	ZB7012W		11.0 (to glass)	0.05			

Double Coated, Metal Foil Adhesive Tapes

Feature	Product Code	Liner Color Sample	Adhesive Force (N/20mm)	Thickness(mm)	Adhesive Substrate	Application	Max Width/Std Length	
Electrically Conductive	#8509CDW-30		8.0	0.03	Acrylic-based (Electrically Conductive)	<ul style="list-style-type: none"> Electrically conductive double coated tape using copper foil. Total thickness is 30um. Recommend to use in adhesion parts requiring high electrical conductivity and shielding. 	1000mm/50m	
	#8520FDW-30		7.0	0.03	Acrylic-based (Electrically Conductive)	<ul style="list-style-type: none"> Double coated tape using conductive fabric as a carrier. Excellent flexibility that suits for applying bending usage and fixing rough surface. Suitable for fixing the parts requiring high conductivity and shielding. 	1000mm/50m	
	#8520FDW-50		9.0	0.05	Acrylic-based (Electrically Conductive)			
	Aluminum Foil	#8506ADW-10-H		5.0	0.01	Acrylic-based (Electrically Conductive)	<ul style="list-style-type: none"> Double coated tape using aluminum as a carrier. Ultra thin that total thickness is 10um. Suitable for fixing the parts requiring high conductivity and shielding. 	1000mm/50m
		#8530AD		9.8	0.09	Acrylic-based (Electrically Conductive)	<ul style="list-style-type: none"> Electrically conductive double coated tape using aluminum foil. Recommend to use in adhesion parts requiring high electrical conductivity, heat dissipation and shielding. 	1000mm/50m

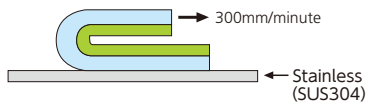
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Single Coated, Metal Foil Adhesive Tapes

Feature	Product Code	Surface Substrate Color Sample	Adhesive Force (N/25mm)	Thickness(mm)	Adhesive Substrate	Application	Max Width/Std Length	
Shielding	Copper Foil		16.0	0.02	Acrylic Adhesive	· A thin shielding tape that uses 9um electrolytic copper foil as a carrier. · Excellent repulsion resistance and durability. · Use this tape for electromagnetic wave shielding, heat radiation and grounding.	1000mm/50m	
		E-0100LC						
								
		E-1100LC						
								
	E-2100LC							
		12.0	0.065	Acrylic Adhesive (Electrically Conductive)	· A shielding tape that uses 35um electrolytic copper foil as a carrier with electrically conductive adhesive. · Excellent repulsion resistance and durability. · Use this tape for electromagnetic wave shielding, heat radiation and grounding. ★UL510FR Approved (File No.:E167390)	500mm/50m		
	E-2300ND							
								
	E20CU							
E30CU								
E40CU								
E50CU								
E65CU								
Conductive Fabric	E-5025CF		9.0	0.025	Acrylic Adhesive (Electrically Conductive)	· Single coated tape using conductive fabric as a carrier. · Excellent flexibility that suits for applying, bending usage and fixing rough surface. · Use this tape for electromagnetic wave shielding, heat radiation and grounding.	1000mm/50m	
	Aluminium Foil	52050LA		17.6	0.095	Acrylic Adhesive	· A shielding tape that uses soft aluminum foil as a carrier. · Use this tape for electromagnetic wave shielding and heat radiation. ★UL510FR Approved (File No.:E167390)	1000mm/50m
		52080LA		19.6	0.125			
		52100LA		19.6	0.145			
		52050AD		14.7	0.08	Acrylic Adhesive (Electrically Conductive)	· A shielding tape that uses 50um soft aluminum foil as a carrier with electrically conductive adhesive. · Excellent durability. Performs well for stainless steel. · Use this tape for electromagnetic wave shielding, heat radiation and grounding. ★UL510FR Approved (File No.:E167390)	1000mm/50m

Values given in the table(s) are examples of laboratory measurements. These values are not guaranteed for any specific application. Please contact us for slit sizes.

Adhesive Force



Preparation : Laminate the double-coated adhesive tape with 25um PET.
 Attachment : Temporarily attach the tape to the surface and apply pressure in back and forth motion with 2kg roller.
 Dwell : Leave the tape for one hour under the condition of 23 °C and 50%RH.
 Measurement : Measure the strength when the tape is peeled off at a speed of 300mm/min, in the 180°degree angle under the condition of 23 °C and 50%RH.

[Method for Confirming the Details of UL Approval]

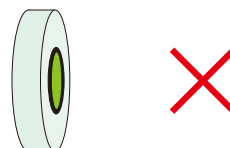
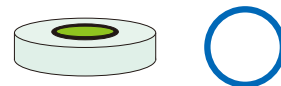
- 〈UL969:MH12834〉 〈UL94:E130059〉 〈UL510 : E167390〉
- Go to the UL Web Site on the internet.<http://www.ul.com/>
→ UL Web Site TOP page
 - Move to the Search service page Click [Online Certifications Directory]
→ To Search TOP page
 - Choose the search criteria(for searching by specific File No.) Click UL File Number
→ To File No.entry page
 - Enter MH12834 or E130059 or E167390 in the box. Click Search
→ Display of search result
 - Display the details Click PGGU2.MH12834 Click QMFZ2.E13006Bck OANZ2.E167390
→ Display of the details
 - Check the target materials Scroll the window to find the material
→ Completion of check

Caution, when Considering Tapes

Type of Adherend	Description
PP・PE	...Because of weak surface tension, adhesion is not easy.
PVC	...The adhesive agent will be plasticized due to movement of the plasticizing agent.
Rubber	...Various adhesives will detrimentally affect the adhesive agent. Pre-evaluation should be done.
Foam	...The adhesion area will decrease due to the porous nature and coarse surface.
Mortar	...Influence by the porous nature and alkali ingredients.
Tile	...Usage in a place where water frequently leaks (water resistance, moisture resistance).
Glass	...The adhesive agent will deteriorate from exposure to direct sunlight (UV rays).
Antifouling coating	...Adhesion is not easy because of silicone-based/fluorinated additives.

Precaution for Attaching and Storing the Tape

- The attachment temperature should be around 20°C.
- Remove moisture, dust, oil and release agent from the surface.
- Apply sufficient pressure on the tape after attaching it.
- Keep the tape in a polyethylene bag at room temperature, avoiding direct sunlight.
- Keep the tapes horizontally in stack.



• Critical Surface Tension of Plastic (dyne/cm²)

PET	PVC	Polystyrene	PP	PE	Flourine Resin	Silicon Resin
46	39	37	28	22	18.5	18

Easier to Adhere ← → Harder to Adhere

Safety Precautions

1. Handling

- Each adhesive tape is designed for specific applications depending on individual specifications. Be sure to choose the one appropriate for your needs.
- Adhesive tape is combustible and contains a very small amount of ignitable ingredients. Keep the tape away from ignition sources and handle in a working environment where the necessary ventilation devices are installed.
- Adhesive tape may cause irritation when contacting the skin or the eyes. Be sure to wear adequate protective gear such as gloves and glasses.
- To prevent static charges, be sure to implement antistatic measures, including installation of an adequate static electricity removal device where static charges from processing machines are likely to be generated.
- Scraps from products (release paper, in particular) are slippery, which may cause falling accidents. Do not put chips in walking zones.

2. Storage

- Keep the tape in a well-ventilated, cool, dark place, away from direct sunlight, and stack vertically. Never bring objects that could be the sources of ignition close to the tape.
- Extra tape after use should be re-packaged in a polyethylene bag and not exposed to outside air.
- The first-in and first-out management must be strictly maintained to ensure the use of previously manufactured goods. This will ensure materials will be in good condition when used.

3. First Aid Measures

- Skin contact: Remove the tape from the skin and rinse skin with water and water-based soap. In addition, if problems such as infection are noted on the skin, seek medical treatment by a medical specialist as soon as possible.
- If swallowed: Immediately induce vomiting. If the victim feels sick, seek medical treatment by a medical specialist as soon as possible.
- Eye contact: Flush the eyes with clean cold water. If the victim feels sick, seek immediate medical treatment by a medical specialist as soon as possible.

Notice

- The data stated in this pamphlet are based on the data obtained through our tests and tests that are believed to be reliable. The data, however, are examples quoted for reference, and are not guaranteed values. Users are requested to use the products after checking that they are suitable for your applications.
- The product specifications stated in this pamphlet are subject to change without prior notice. If you are using the product for the first time, be sure to contact the following addresses before using the product.
- Users are requested to understand that we do not guarantee that the products will not infringe on the industrial property rights of third parties concerning the use or the application of products stated in this pamphlet.

Users are also requested to take adequate treatment according to actual usage of their own handling methods, etc.

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