

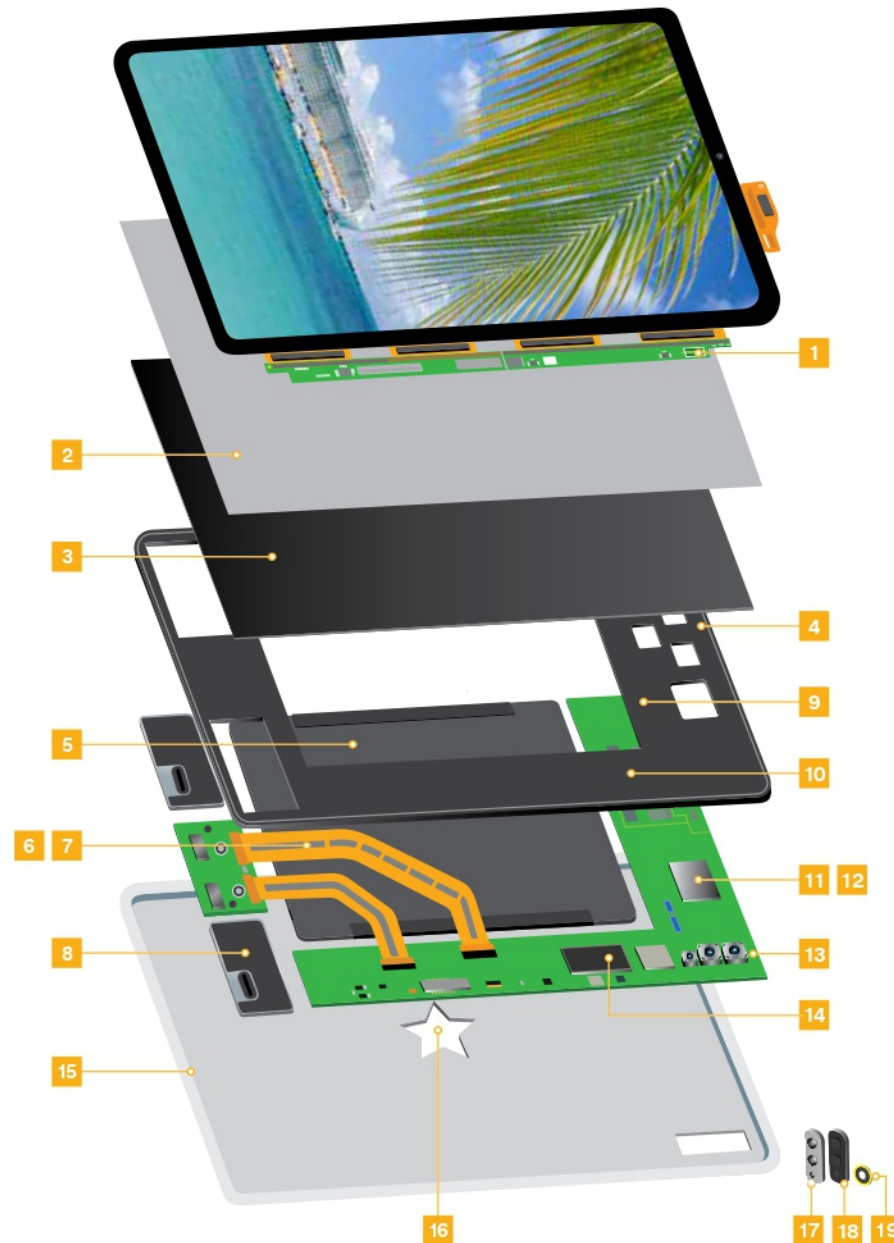
Hold strong from the inside out.

With today's endless appetite for information, connectivity and entertainment, users routinely shift their usage among multiple devices and platforms. Deliver a powerful, seamless experience into the most rugged, convenient, and transportable tablet designs through enhanced design flexibility and manufacturing agility.

- Get **optimal shock absorption and sealing performance** to help you reduce the risk of broken screens and improve water resistance for tablet assembly.
- **Bond plastic to glass** – helping seal front displays and back covers on tablets with 3M Tapes and Adhesives
- **Bond touch panel to metal** and achieve better reworkability, anti-lifting, anti-repulsion and drop resistance.
- High strength adhesion with **narrow bond lines**
- Achieve **shielding effectiveness targets, RF noise attenuation and unique grounding designs in small contact areas** with conductive adhesives from 3M. With a range of conductive tapes, work with 3M to help find an ideal solution to help reduce EMI when there is contact between commonly used metals such as stainless steel or aluminum.

Tablet Applications

No.	Application Idea	No.	Application Idea	No.	Application Idea
1	Display shielding	8	Speaker bonding	15	Back cover bonding
2	OLED glass supporting	9	PCB grounding	16	Logo bonding
3	Graphite bonding	10	Antenna grounding	17	Camera bonding (decoration)
4	Cover display bonding	11	PCB shielding	18	Camera frame bonding
5	Battery bonding	12	Shielding can lid tape	19	Camera bonding (lens)
6	FPC bonding	13	Camera shielding	20	Package bonding (not shown)
7	FPC grounding	14	IC chips absorber		



	Number	Application	Use ideas	Featured Product Number	Product Type	Color	Thickness (µm)	Features
Tablet	1	Display shielding	Display module edge wrap and shielding	3304BC-S	Single Sided Conductive Black Foil Tape	Black	45	<ul style="list-style-type: none"> • XYZ-conductivity, conformable • Excellent EMI/ESD and electrical performance over time • Scratch resistant black copper foil carrier
	2	OLED glass supporting	Glass to SUS plate	81504	Adhesive Transfer Tape	Clear	38	<ul style="list-style-type: none"> • Low and stable dielectric constant • High adhesion • High temperature and humidity resistant
	3	Graphite bonding	Graphite to graphite or metal	UCT-xx	Double Coated PET Tape	Clear	10/20/30/50	<ul style="list-style-type: none"> • Ultra clear • High initial adhesion • Produced in a clean room, easily converted
	4	Cover display bonding	Ink-coated glass to metal	VHB™ 5981	Acrylic Foam PET Tape	Black	200/250/300/350/400	<ul style="list-style-type: none"> • Good reworkability • Impact resistance and conformability • Easily converted
				VHB™ 590x	Acrylic Foam Tape	Black	150/200/250/300/350	<ul style="list-style-type: none"> • High bonding strength and durability • Conformable • Seal against water ingress
				VHB™ 864xx*	Acrylic Foam Tape	Black	150/200/250/300	<ul style="list-style-type: none"> • High bonding strength • Impact resistance • Conformable
			Glass fiber reinforced plastic to metal	74xxxNH	Adhesive Transfer Tape	Clear	25/75/110/200	<ul style="list-style-type: none"> • Low modulus at RT & lower temperature • High temperature and humidity resistance • Good liner release properties for convertibility
	5	Battery bonding	Plastic film to metal alloy	552xxP/BP	Double Coated PET Tape	Clear, Black	50/75/100/120	<ul style="list-style-type: none"> • High initial adhesion • Good shear holding power • Easily converted
				950xx	Adhesive Transfer Tape	Black	50/100	<ul style="list-style-type: none"> • Impact resistance and damping • High bonding strength • Conformable, removable
	6	FPC bonding	FPC to metal or film	GTM7xxP/BP	Double Coated PET Tape	Clear, Black	50/80/100/150/200/250	<ul style="list-style-type: none"> • Bonding to low surface energy substrates • High peel strength • Anti-repulsion, easily converted
				552xxP/BP	Double Coated PET Tape	Clear, Black	50/75/100/120	<ul style="list-style-type: none"> • High initial adhesion • Good shear holding power • Easily converted
				9471LE, 9472LE	Adhesive Transfer Tape	Clear	58, 132	<ul style="list-style-type: none"> • Bonding to low surface energy substrates • Anti-lifting • Resistance to chemicals, moisture and humidity

*Sample available globally, however sales is limited to Asia

Chart continued on next page

	Number	Application	Use ideas	Featured Product Number	Product Type	Color	Thickness (µm)	Features
Tablet	7	FPC grounding	FPC to back cover/metal grounding	9701	Double Sided Non-woven Conductive Tape	Grey	50/100	<ul style="list-style-type: none"> • XYZ-conductivity • Good electrical contact to small area • Nickel/copper-coated conductive non-woven fabric carrier
	8	Speaker bonding	PE foam bonding	5126*	PE Foam Tape	Black	250/300/350	<ul style="list-style-type: none"> • Waterproofing • Anti-lifting • High push out force and impact resistance
				VHB™ 864xx*	Acrylic Foam Tape	Black	150/200/250/300	<ul style="list-style-type: none"> • High bonding strength • Impact resistance • Conformable
	9	PCB grounding	PCB to back cover grounding	9711S	Double Sided Conductive Fabric Tape	Grey	30/50/80/100/120/130/150/170/200/210/220/250/300	<ul style="list-style-type: none"> • XYZ-conductivity • Excellent conformability, quick bonding • Nickel/copper-coated conductive fabric and conductive PSA
	10	Antenna grounding	Low contact resistance of spring pin	3304Ni	Single Sided Conductive Tape with Ni Coating	Grey	45	<ul style="list-style-type: none"> • XYZ-conductivity • Conformable, edge performance • Nickel coating on conductive copper foil carrier
	11	PCB shielding	Metal can shielding and heat spreading	1020BC	Single Sided Conductive Black Foil Tape	Black	10/20/25	<ul style="list-style-type: none"> • XYZ-conductivity • Conformable, quick bonding • Black copper foil backing
				9772	Double Sided Copper Foil Tape	Copper	11/20/25/30/35/50	<ul style="list-style-type: none"> • XYZ-conductivity, conformable • Quick bonding, good electrical contact to small area • Copper foil carrier
	12	Shielding can lid tape	Shielding can cover to shielding wall	9711S	Double Sided Conductive Fabric Tape	Grey	30/50/80/100/120/130/150/170/200/210/220/250/300	<ul style="list-style-type: none"> • XYZ-conductivity • Excellent conformability, quick bonding • Nickel/copper-coated conductive fabric and conductive PSA
	13	Camera shielding	Camera metal frame shielding	1020BC	Single Sided Conductive Black Foil Tape	Black	10/20/25	<ul style="list-style-type: none"> • XYZ-conductivity • Conformable, quick bonding • Black copper foil backing
	14	IC chips absorber	IC chips noise absorption	EM25TP	Absorber	Black	25/35/50/150/200/250	<ul style="list-style-type: none"> • Targeted permeability for < 5-10MHz FFDM performance • Excellent absorbing performance from 100MHz to 4 GHz • Black PET top film layer and PSA are optional

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	Number	Application	Use ideas	Featured Product Number	Product Type	Color	Thickness (µm)	Features
Tablet	15	Back cover bonding	Ink-coated glass to metal or glass fiber reinforced plastic to metal	VHB™ 590x	Acrylic Foam Tape	Black	150/200/250/300/350	<ul style="list-style-type: none"> • High bonding strength and durability • Conformable • Seal against water ingress
				VHB™ 5981	Acrylic Foam PET Tape	Black	200/250/300/350/400	<ul style="list-style-type: none"> • Good reworkability • Impact resistance and conformability • Easily converted
	16	Logo bonding	Ink-coated metal to metal	961xxCR	Adhesive Transfer Tape	Clear	25/50	<ul style="list-style-type: none"> • Chemical resistance • Produced in a clean room
	17	Camera bonding (decoration)	Ink-coated plastic to plastic	950xx	Adhesive Transfer Tape	Black	50/100	<ul style="list-style-type: none"> • Impact resistance and damping • High bonding strength • Conformable, removable
				9471LE, 9472LE	Adhesive Transfer Tape	Clear	58, 132	<ul style="list-style-type: none"> • Bonding to low surface energy substrates • Anti-lifting • Resistance to chemicals, moisture and humidity
				467MP, 468MP	Adhesive Transfer Tape	Clear	60, 130	<ul style="list-style-type: none"> • Up to 204°C short-term heat resistance • Solvent resistance • High shear strength
	18	Camera frame bonding	Ink-coated glass to metal	VHB™ 590xx	Acrylic Foam Tape	Black	150/200/250/300/350	<ul style="list-style-type: none"> • High bonding strength and durability • Conformable • Seal against water ingress
				VHB™ 5980*	Acrylic Foam Tape	Black	150/200/250/300	<ul style="list-style-type: none"> • Drop shock and impact resistance • Conformable • Seal against water and moisture
	19	Camera bonding (lens)	Ink-coated glass to metal	VHB™ 4914	Acrylic Foam Tape	White	150/200/250	<ul style="list-style-type: none"> • Waterproofing • High bonding strength and long-term durability
				950xx	Adhesive Transfer Tape	Black	50/100	<ul style="list-style-type: none"> • Impact resistance and damping • High bonding strength • Conformable, removable
				VHB™ 5980*	Acrylic Foam Tape	Black	150/200/250/300	<ul style="list-style-type: none"> • Drop shock and impact resistance • Conformable • Seal against water and moisture
	20	Packaging	Paper bonding	SP7202	1K Screen Printable Adhesive	Clear	-	<ul style="list-style-type: none"> • Screen printable, high shear strength • UV curable in seconds • Solvent free (100% solids)
				9448A, 9080A	Double Coated Tissue Tape	White, Clear	150	<ul style="list-style-type: none"> • High initial adhesion • Up to 150°C short-term heat resistance • Easily converted

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