



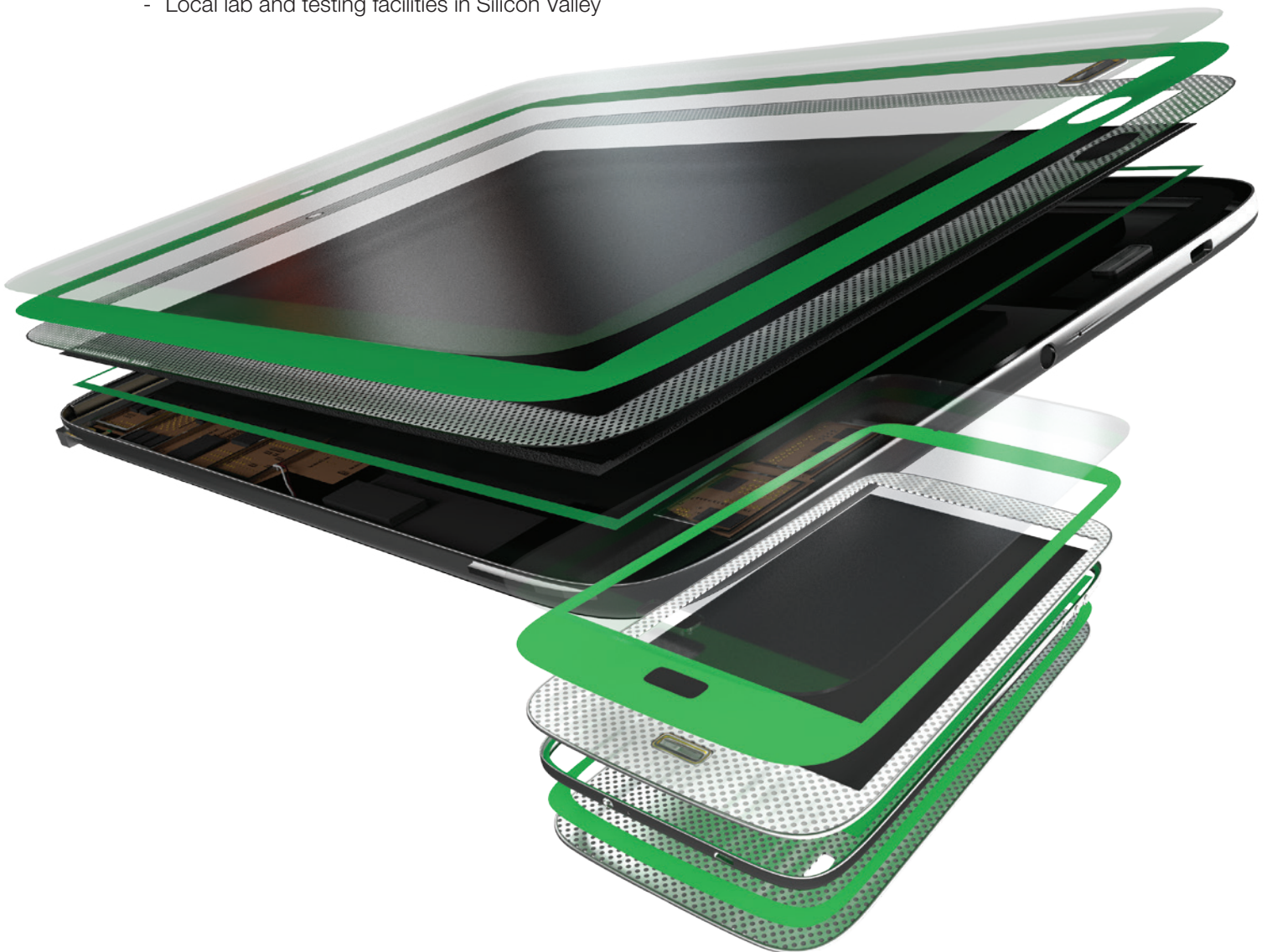
Electronics Product Line Selector

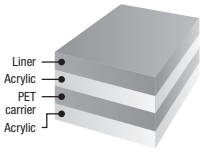
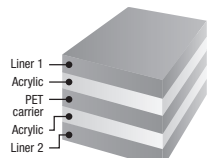
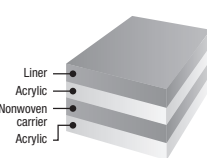
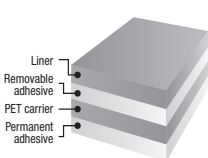
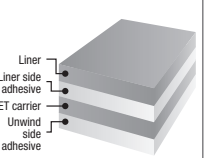
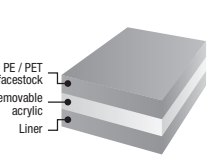
High Performance Bonding Solutions for Smart Devices and Mobile Electronics Applications

Avery Dennison Performance Tapes pressure-sensitive adhesives and tapes are designed for high end bonding and mounting applications in smart devices and electronics. Our standard and engineered solutions are used for component attachment and general assembly, window/lens bonding, gasket mounting, thermal and light management applications.

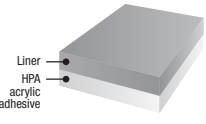
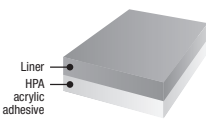
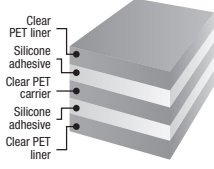
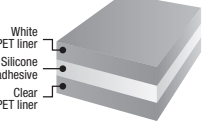

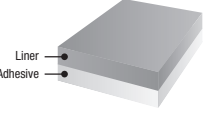
Global reach, helping you to succeed

- Research and development
- Engineering
- Sales and customer service
- Manufacturing and supply
- Local lab and testing facilities in Silicon Valley



	PET Tapes		Nonwoven Mounting Tapes	Differential Tapes		Removable Acrylics
Product Group Description	<p>Double Coated PET</p>  		<p>Low Density Double Coated Nonwoven</p> 	<p>Removable/Repositionable</p> 	<p>Differential Adhesives</p> 	<p>Single Coated Protective Films</p> 
Key Application Benefits	<ul style="list-style-type: none"> - Excellent dimensional stability - Allows for ultra thin constructions (5µm) - Range of acrylic adhesives available, including HPA™ High Performance Acrylic - Moisture and tear resistant polyester carrier - Strong film provides optimum convertibility and very good handling characteristics * Polypropylene carrier 		<ul style="list-style-type: none"> - Modified acrylic adhesive with high initial tack for quick bonding - Good adhesion on various substrates - Excellent resistance to solvents, chemicals, heat and moisture - Nonwoven carrier provides exceptional conformability 	<ul style="list-style-type: none"> - FT 7327/FT 310: Differential tape with removable acrylic (liner side)/permanent acrylic (unwind side) adhesives - FT 8306: Differential tape with removable acrylic (liner side)/permanent rubber (unwind side) adhesives 	<ul style="list-style-type: none"> - FT 8392: Differential tape with rubber (liner side)/acrylic (unwind side) adhesives - FT 9302SF: Differential tape with silicone (liner side)/acrylic (unwind side) adhesives 	<ul style="list-style-type: none"> - Specially designed for residue free removal from plastics, wood, painted metal and glass surfaces after intended period of use - Excellent resistance to UV light - Easy to die cut and strip - Adds dimensional stability to the substrate
	General Mounting	High Performance Mounting	Double Coated	Double Coated	Double Coated	Single Coated
Thickness (µm)	5	HPA 9005				
	10					
	25				FT 7327	
	30	FT 7831				
	50	FT 7535	FT 7383			
	60					
	75			FT 7508L	FT 310	
	85				FT 8306	FT 8392
	100	FT 7540	FT 7384			
	120			FT 7700, FT 7512L		FT 0411, FT 0418
	125					
	150	FT 7545	FT 7338	FT 7515L		FT 9302SF
	175					
	200		FT 7354			
	250		FT 7425*			
	300					
	350					
400						
500						
650						
800						
1100						
Application Examples	<p>Mounting and strengthening of graphite and other heat spreading materials</p> <p>General attachment of camera modules, speakers, batteries, and FPC</p>		<p>Nameplates and foam lamination, speaker mesh mounting</p> <p>Good wet out characteristics for use on rough and uneven surfaces, such as felt and fiber</p>	<p>Temporary bonding</p> <p>Process aides to be removed prior to assembly</p>	<p>Used for bonding dissimilar materials</p>	<p>Transparent surface protection film to allow visual inspection during mounting and processing</p>

Electronics Product Line Selector

Transfer Tapes		High Temperature		Skin Contact		Product Group Description
<p>Low Surface Energy (LSE)</p> 	<p>General Purpose</p> 	<p>Silicone Adhesives</p>  		<p>Biocompatible Adhesives</p>  		
Transfer Tape	Transfer Tape	Double Coated	Transfer Tape	Double Coated	Transfer Tape	
						5
						10
	HPA 1931		FT 3010			25
					FBA 1960	30
HPA 3902		FT 3305	FT 3011			50
	HPA 1932		FT 3012			60
					FT 1123	75
						85
	HPA 1934	FT 3310		FBA 8960		100
				FT 8346		120
HPA 3905	HPA 1935			FT 8345	FT 1126	125
		FT 3315		FT 8217		150
						175
						200
						250
						300
						350
						400
						500
						650
						800
						1100
<p>Applications requiring excellent quick stick, high temperature resistance, and adhesion to LSE substrates</p>	<p>Small irregular shaped die-cuts Bonding FPC, keyboard, punch die-cuts</p>	<p>Designed for applications where heat and environmental resistance is important</p> <p>Silicone adhesive performs under high heat as a constrained layer damper</p> <p>Damping characteristics customizable to temperature/frequency of the application</p>		<p>Designed for component bonding in wearable applications where a device needs to be compatible with intact skin</p>		<p>Application Examples</p>

ADHESIVES			
Acrylic	High Performance Acrylic	Synthetic Elastomer	Silicone
<ul style="list-style-type: none"> - General purpose – very clear, plasticizer resistant adhesive - Excellent processing and die cutting stability - Resistance to elevated temperatures, solvents and plasticizers - High tack – versatile, general purpose modified acrylic adhesive - Strong bond to a variety of substrates, including irregular surfaces 	<ul style="list-style-type: none"> - Dual cured pure and modified acrylic adhesive offering very high shear and very high temperature resistance - Offers low oozing characteristics and allows for complex die cuts at room temperature - Resistant to humidity, chemical immersion and UV exposure, and exposure to harsh chemicals - Single adhesive solution designed for the most challenging applications 	<ul style="list-style-type: none"> - High affinity for Low Surface Energy (LSE) substrates, with high immediate adhesion - Provides excellent damping performance and resistance to UV light exposure - Excellent die cutting characteristics - Excellent high temperature and chemical resistance - Heavy adhesive mass for bonding to irregular or rough surfaces 	<ul style="list-style-type: none"> - Designed for high temperature, Low Surface Energy (LSE) bonding applications - Exhibits very good damping characteristics at high temperatures and performs through adverse weather conditions - For electronics applications that demand resistance to solvents and extreme heat - Excellent die cutting and slitting properties for easier conversion

CARRIERS				LINERS			
PET	Nonwoven	PE Foam	Custom	PET	Poly-coated Kraft (PCK)	Glassine	Custom
<ul style="list-style-type: none"> - Available in white, black or clear - Caliper range: 2.4µm - 50µm - Dimensionally stable - Good convertibility 	<ul style="list-style-type: none"> - Good for die cutting - Dimensionally stable - Mechanical reinforcement - Excellent product cohesion - Highly conformable 	<ul style="list-style-type: none"> - Available in black or white - Caliper range: 100µm and up - Shock absorption - Special high cross-linked foams - Compressible - Sealing and gap filling 	<ul style="list-style-type: none"> - Custom films available on request - Metal foils - Tissue 	<ul style="list-style-type: none"> - Available in white, black or clear - Caliper range: 25µm - 75µm - Good convertibility, excellent dimensional stability - Custom printing available - Double liner option available 	<ul style="list-style-type: none"> - Available in bleached (white) or natural (brown) - Caliper range: 110µm - 175µm - Dimensionally stable in high humidity - Custom printing available 	<ul style="list-style-type: none"> - Available in bleached (white) or natural (brown) - Caliper range, 75µm - 150µm - Cost-effective solution - Custom printing available 	<ul style="list-style-type: none"> - Custom liners available on request - Olefinic films - Coated papers, finished papers - Various weights available - Custom release forces available

CUSTOM PRODUCT DEVELOPMENT			
Application Knowledge	Tape Construction	Adhesive/Release Formulation	Material Science
<ul style="list-style-type: none"> - Dedicated electronics application technical service team - Converting and processing expertise with on-site support - Understanding of must-have, nice-to-have, and future development application requirements - Custom designed fixturing for product testing 	<ul style="list-style-type: none"> - Pilot coating capability for rapid prototyping and turnaround - Adhesive pattern coating for dry edging of slit rolls and lift tabs - Custom liner back printing available - Roll slitting capability as small as 13mm roll width 	<ul style="list-style-type: none"> - Functional additive modifiers available - Glass fibers, biocides, pigments, UV stabilizers, metal powders - Library of crosslinking technologies, tackifiers, plasticizers, modifiers - Tailored release formulation to optimize converter/OEM performance 	<ul style="list-style-type: none"> - Characterize mechanics of the system - Develop structure property relationships - In-house polymer synthesis - Develop next generation technologies properties for easier conversion

We are Committed to Our Customer's Success

Thanks to our technical teams and extensive expertise in pressure-sensitive adhesives and tape constructions we are able to offer a range of application solutions to address our customers' application challenges. We use our experience to innovate and create high performance, high quality products. We have state-of-the-art labs to test and develop the solution that's right for you.

Avery Dennison Performance Tapes is an on-site applications provider. Our skilled teams of application technical service engineers, sales and customer service are here to address your application challenges.

Please refer to [Tapes.AveryDennison.com](https://tapes.averydennison.com) for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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