

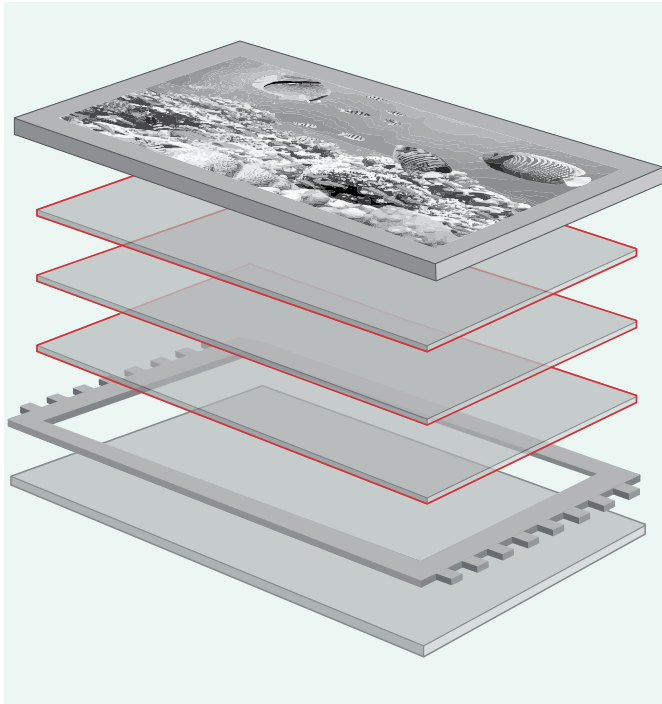
Avery Dennison  
Label and Packaging Materials  
Product Overview

Asia Pacific - South Asia  
July 2021

# Electronics Tape Solutions



## Light management

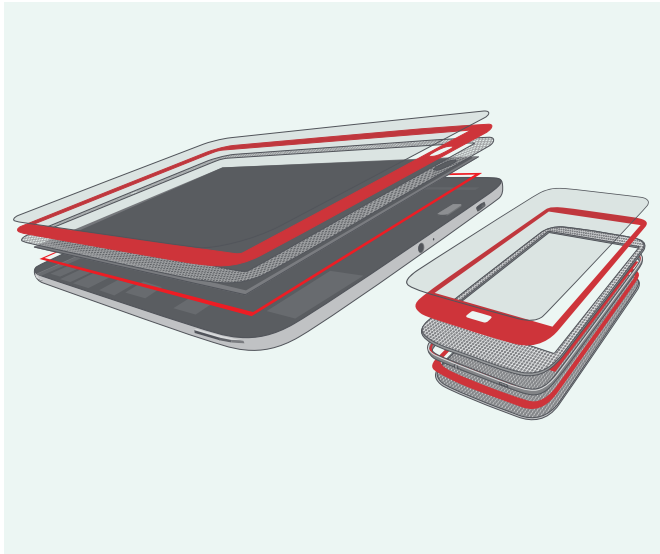


A range of light blocking black PET tapes designed for the bonding and assembly of LCD modules. Bonds well to most LCD components including reflectors, light guide plates, diffusion sheets and brightness enhancement films. These tapes offer multiple performance levels with varying degrees of temperature resistance and light blocking performance (up to 0% light transmission without pin holing per ASTM D1003)

- Solid black tape provides good opacity performance (no light reflection, eliminates the risk of pin hole) in back light unit or bonding back light unit to edge of the module
- Extra thin tape with optimal bonding strength designed for compact electronic devices
- Optimum outlook (PET carrier and liner) to eliminate the risk of wrinkle, shrinkage, fiber and article contamination in clean rooms
- Long-lasting; specially formulated adhesive and tape construction provides a strong, lasting bond in the back light unit and LCD display module

Code	Description	Size (mm x mtrs)	Adhesive	Thickness (um)	UL Recognition	Product Origin	Application Notes
FT 5262DL	Double Coated PET (Black)	1070 x 100	Rem/Perm Modified Acrylic	60		China	Designed for use with delicate electronic components that require a high level of light blocking and bonding strength
FT 5266DL	Double Coated PET (Black)	1070 x 100	Rem/Perm Modified Acrylic			China	

## Window lens bonding

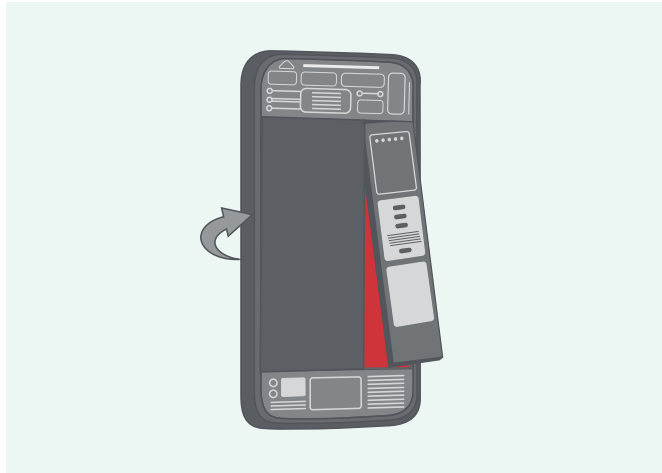


Avery Dennison Performance Tapes offers a range of highly engineered foam tapes designed to meet multiple performance level demands in lens bonding applications. These tapes provide excellent impact, push-out and adhesion performance for mounting display lenses or attaching LCMs (liquid crystal modules) and BLUs (back light units) in smart devices.

- Thin PET carrier provides excellent conformability and dimensional stability
- Immediate adhesion on curved substrates
- Range of calipers fit a wide variety of application needs
- Wide bonding range of different materials including low surface energy (LSE) plastics (PMMA, ABS, PP, and nonwovens)
- Flexible gap filling performance on irregular surfaces
- Narrow shape die-cutting (+/- 1 mm gaskets), light shielding and detection capabilities

Code	Description	Size (mm x mtrs)	Adhesive	Thickness (um)	UL Recognition	Product Origin	Application Notes
<b>FM 92 series</b>	Elastomer Foam	1000 x 50	Black Cross-linked Elastomer	150 - 250		China	Reworkable, Fit for narrow design (0.5-0.8mm) and High impact resistance
<b>FM 93 series</b>	Acrylic Foam	1000 x 50	Black Acrylic	150 - 400		China	Fit for narrow design, Water proof IPX 7, for curve surface bonding
<b>FT 7831</b>	Double Coated PET	1235 x 100	Modified Acrylic	30		China	Ultra thin DC PET tape designed for high precision mounting applications
<b>FT 75 DC PET series</b>	Double Coated PET	1235 x 100	Modified Acrylic	50 - 150	✓	China	General purpose wide range bonding application

## Component assembly



Avery Dennison Performance Tapes has a wide range of high performance pressure-sensitive tapes for mounting and securing components within mobile devices and electronics. Used for battery attachment, Flexible Printed Circuit (FPC) bonding, camera mounting and a range of other components. These tapes offer high adhesion, and help provide stability for delicate components.

- Long term removability without leaving traces when removed
- Versatile laminating adhesives allowing easy conversion and offering good bond strength to a variety of substrates

Code	Description	Size (mm x mtrs)	Adhesive	Thickness (um)	UL Recognition	Product Origin	Application Notes
<b>FT 73 series</b>	Double Coated PET	1005/1235 x 100	Modified Acrylic	23 - 250	✓	China	Great adhesion performance on a wide variety of substrates, including LSE plastics
<b>FT 75 DC PET series</b>	Double Coated PET	1235 x 100	Modified Acrylic	50 -150	✓		General purpose wide range bonding application
<b>FT 9302A</b>	Double Coated PET-Differential Silicon/Acrylic	1000 x 100	Silicon/Acrylic	100		China	Cost effective alternative to priming low surface energy (LSE) surfaces and apolar plastics or rubbers before application of tape.
<b>FT 9302SF</b>	Double Coated PET-Differential Silicon/Acrylic	1372 x 229	Silicon/Acrylic	140		USA	designed for bonding silicone foams and rubber adhesive to medium and high surface energy materials
<b>HPA 193 series</b>	Transfer Tape	1235 x 50/100	Crosslinked Acrylic	25 - 125	✓	China	High holding power and converting performance, High temperature & UV resistance
<b>HPA 2922, 2925</b>	Transfer Tape	1000 x 250	Crosslinked Acrylic	50 - 110		Europe	High temperature holding power, LSE substrate
<b>FT 0411</b>	Single Coated CPP	1260 x 100	Removable Acrylic	125		China	Protection tape, long term removability
<b>FT 310A</b>	Single Coated PET	1000 x 1000	Removable Acrylic	28		Europe	Protection tape, long term removability
<b>FT 310</b>	Double Coated PET	1000 x 250	Elastomer / Removable acrylic	80		Europe	Long term removability without leaving traces when removed
<b>FT 7327</b>	Double Coated PET	1000 x 250	modified acrylic / removable acrylic	40		Europe	Long term removability without leaving traces when removed

## Gaskets and mesh mounting



A broad array of gasket and mesh mounting tapes that bond to a wide range of foams, metals and plastics. These precise gasket mounting tapes feature high adhesion and good shear properties while helping to prevent rattling, provide cushioning and absorb shocks.

- Combines very high shear resistance with very good adhesion, even on low surface energy (LSE) substrates

Code	Description	Size (mm x mtrs)	Adhesive	Thickness (um)	UL Recognition	Product Origin	Application Notes
FT 7831	Double Coated PET	1235 x 100	Modified Acrylic	30		China	Ultra thin DC PET tape designed for high precision mounting applications
FT 75 DC PET series	Double Coated PET	1235 x 100	Modified Acrylic	50 - 150		China	General purpose wide range bonding application
FT 75 DC Tissue Series	Double Coated Tissue (White & Black)	1200 x 100	Modified Acrylic	80 - 150		China	General purpose wide range bonding application
FT 8716I	Double Coated Tissue	1230 x 100	Modified Acrylic	150		China	High initial tack for quick bonding Good adhesion on LSE such as PP, PE
FM 76 Black Series	Double Coated PE Foam (Black)	1040 x 50	Modified Acrylic	150 - 1100		China	Waterproof resistance, IPX7 and IPX8 Excellent push, drop resistance