

Avery Dennison Performance Tapes

Attachment of Displays

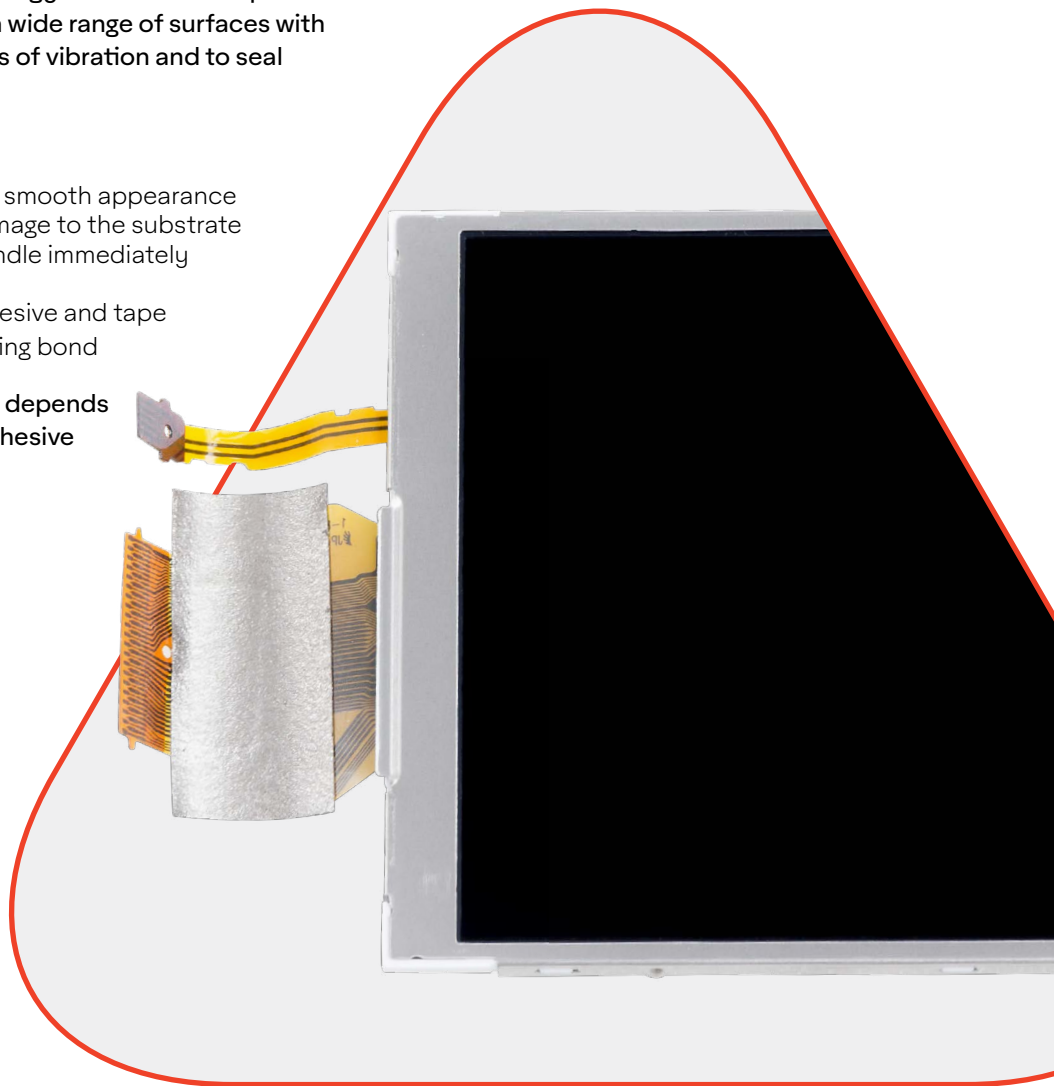
Application overview

Tape solutions replace mechanical fasteners like screws for the mounting of display and control panels on appliances. Very often bonding to low - to medium surface energy substrates is required. Tapes possess the ability to bond to a wide range of surfaces with the ability to accommodate high levels of vibration and to seal against environmental conditions.

Customer benefits

- Aesthetic assembly for a clean and smooth appearance
- Easy to apply, with no drilling or damage to the substrate
- No cure time required; ability to handle immediately following tape application
- Durable — specially formulated adhesive and tape construction provides a strong, lasting bond

The lifetime performance of the bond depends largely on the selection of the right adhesive and carrier.

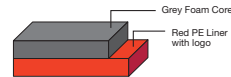


Technical Properties & Key Application Requirements

1. AFB™ – Acrylic Foam Bond

AFB is an acrylic tape with an acrylic foam core, this dense adhesive enables good lamination and maintains high internal strength on irregular substrates, even when two bonding surfaces are different towards each other like for instance curved surfaces. The tape offers excellent longer term durability and highest internal strength, and is suitable for auto-dispensing.

Portfolio Overview



	AFB 66
Features	<ul style="list-style-type: none">• Good cohesion performance• Seals against water, moisture, and more
Benefits	<ul style="list-style-type: none">• Conformable foam density level enables good lamination with irregularity of rigid substrates• Easy die cut for a precise fit• Gap Filling
Applications	<ul style="list-style-type: none">• Metal or HSE plastic bonding requiring a high internal strength• Appliance attachment & construction
Thickness (excl. Liner)	250 µm, 400 µm, 500 µm, 800 µm, 1000 µm, 1200 µm
Colours	Clear, Grey
Product Codes	AFB 6625C, AFB 6640G, AFB 6650C, AFB 6680G, AFB 6610C, AFB 6612G

2. DC PE Foam – Double Coated Polyethylene Foam

PE foam tapes are acrylic or rubber based tapes with a polyethylene foam core. These foam tapes enable good lamination and easy die cutting. The tapes offer excellent longer term durability even when two bonding surfaces are different towards each other – like, for instance, curved surfaces.

Portfolio Overview

	Pure Acrylic Adhesives	Modified Acrylic Adhesives	Rubber Adhesives
Features	<ul style="list-style-type: none">• Closed cell foam carrier• Easy liner removal• Easy to die cut• Paper or PET liner	<ul style="list-style-type: none">• Closed cell foam carrier• Easy liner removal• Easy to die cut• Paper or PP liner	<ul style="list-style-type: none">• Closed cell foam carrier• Easy liner removal• Easy to die cut• Paper liner
Benefits	<ul style="list-style-type: none">• Conformable foam density level enables good lamination with irregularity of rigid substrates• Gap filling	<ul style="list-style-type: none">• Conformable foam density level enables good lamination with irregularity of rigid substrates• Gap filling	<ul style="list-style-type: none">• Conformable foam density level enables good lamination with irregularity of rigid substrates• Gap Filling
Applications	<ul style="list-style-type: none">• Metal or mid to high surface energy material bonding requiring a high internal strength• Appliance attachment & construction	<ul style="list-style-type: none">• Low to mid surface energy material bonding requiring a high internal strength• Appliance attachment & construction	<ul style="list-style-type: none">• Low surface energy material bonding requiring a high internal strength• Appliance attachment & construction
Thickness (excl. Liner)	900 µm	900 µm	900 µm, 1100 µm, 1700 µm, 2100 µm, 3300 µm
Colours	White, Black	White	White
Product Codes	FM Y422A, FM M2705	FM 477, FM 7634	FM M1702, FM M1707, FM M1711, FM M1712, FM M1750, FM M1770

Technical Properties & Key Application Requirements

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