

Avery Dennison Performance Tapes

Pressure-Sensitive Adhesives for Corrugated Packaging (Re)Closure & Sealing

The steep increase in E-commerce has created monumental growth in packaging used to transport consumer goods, as well as some of the smaller home office supplies and appliances.

With this growth came a need for more efficient box closure systems, to optimise service cost and increase convenience, as well as a strong push for more sustainable solutions.

Adding closure solutions to these boxes during their production greatly adds to their usability in the value chain. High volume packaging operations are handled much faster, eliminating the need for an extra packaging tape. The packaging can also be equipped with re-closure strips for use by the consumer, for instance when returning goods.

Pre-applied closure tape also allows producers to take measures for closed loop recycling. To improve the recycling of this packaging can help to eliminate the adoption of single-use plastics often applied to many shipping boxes.

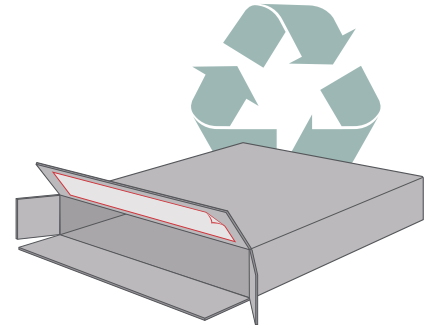


Recycling

Rethinking global packaging operations can be a valuable contribution in the search for more sustainability. A careful selection of the right tape in the closure process can make packaging easier to recycle while even increasing its user friendliness.

Where possible Avery Dennison advises to use transfer tape; a simple thin layer of adhesive which is easy to apply. Where more strength and resistance is required we offer double coated solutions with polypropylene films or tissue carriers:

- Tissue carriers are made from wood fibers, similar to the paper & cardboard packaging material to be recycled.
- Polypropylene films consist of plastic polymers that can be separated in a recycling process and are fully recyclable.



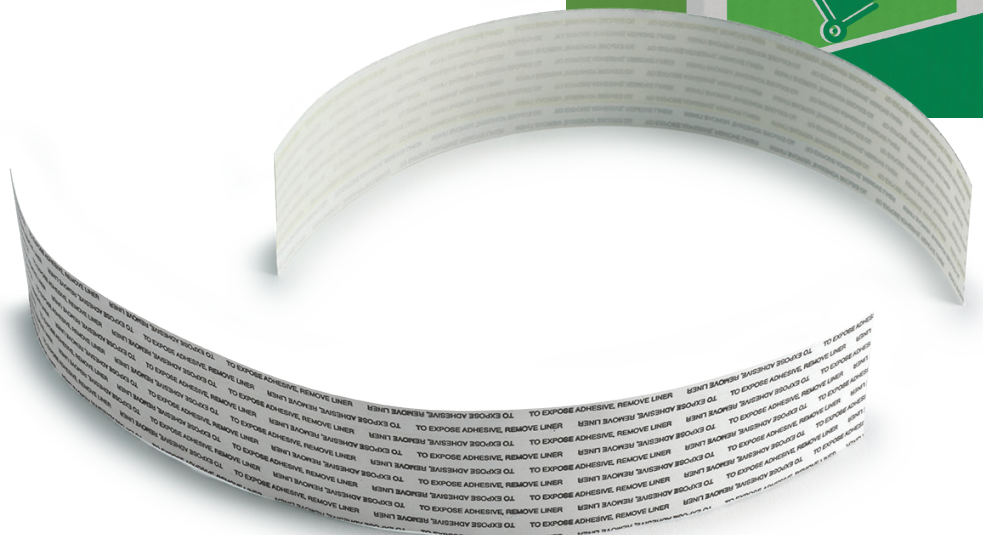
Benefit Summary of using PSAs as a closure solution

Branding and operations

- Fast and easy packaging operation accelerates the production and assembly process
- Printed liners can be supplied upon request
- Tape construction with fingerlift edge or extended liner for easy liner removal
- Double sided siliconised paper liners for low liner release forces
- High performance rubber based adhesives with natural resins offering high tackiness and quick bond
- Adhesives compatible with a variety of coatings and printings commonly applied to paper and cardboard, including virgin, varnished, and polycoated material
- High strength and repulsion resistance
- No curing time for faster processing
- Ease of cutting, with less adhesive residue on production cutting knives
- Suitable for low temperature storage and moisture resistant

Recycling and sustainability

- Selecting certain tape solutions enables a plastic free packaging
- Paper liners to comply with closed loop recycling efforts
- FSC certified paper™ liners can be supplied upon request



Product range details

Code	Construction	Adhesive Type	Liner Type	Coatweight	Thickness w/o Liner (μ)	Roll Width(s) (mm)
FT 167	Transfer Tape	Hotmelt Rubber	Glassine	Mid	60	12, 18, 25, 30
FT 168	Transfer Tape	Hotmelt Rubber	Glassine	High	130	12, 18, 25, 30
FT 7420	Double Coated PP (clear)	Hotmelt Rubber	Glassine	Mid	155	1m width slitted to custom sizes
FT 7423	Double Coated PP (clear)	Hotmelt Rubber	Glassine	Mid	105	1m width slitted to custom sizes
FT B 1203	Double Coated PP (clear)	Solvent Rubber	Glassine	High	100	1,5m width slitted to custom sizes
FT B 1200	Double Coated PP (clear)	Solvent Rubber	Glassine	High	150	1,5m width slitted to custom sizes
FT Y218	Double Coated Paper Tissue	Hotmelt Rubber	Glassine	Low	60	1m width slitted to custom sizes
FT 239	Double Coated Paper Tissue	Hotmelt Rubber	Glassine	Mid	160	1m width slitted to custom sizes

Available finish options

- Liner
- Adhesive
- Carrier

Full Coverage



Fingerlift Edge



Extended Liner



Packaging tapes features and benefits

Features	Benefits
Moisture Resistant Adhesive	Good outdoor durability with resistance to all weather conditions. Has to be applied at temperatures not lower than 10°
Easy lamination and handling	Compatible with most paper & cardboard, even to variants with low surface energy coatings
Linings with double side siliconised liner	The tape is easy to automate and allows for high productivity in the production of packaging
High Performance Adhesive	Very high initial tack and final bonding strength. Durable closures keep the package contents safe and secure even on the longer, more complex delivery routes

For more information on our bonding tapes and adhesive solutions, call us:

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