

3M™ Silicone Laminating Adhesive Tapes

Single liner for 50% less liner waste

Easy for the hard to bond

High temp reliability

Think 3M First for extended shelf life

Benefits of the single 2-mil PET liner

- Reduce liner waste by 50% and save time and cost of second liner removal and disposal
- Stable liner release with low gms/in over time (see matrix chart on back)
- 12-month shelf life for extended usability and reduced waste
- Tear and moisture resistance
- Easily die-cut to precise shapes with clean edges

Benefits of the 2-mil pressure sensitive silicone adhesive

- Adheres without priming on contact to hard-to-bond surfaces such as silicone rubbers and foams; polypropylene, polyethylene, other LSE (Low Surface Energy) materials, and more
- Holds with high shear and good peel strengths
- Reliable solvent resistance
- Adhesive resists up to 500°F (260°C) in high heat applications; PET carrier in double-coated tape resists up to 300°F (149°C)
- Good damping performance over a broad temperature range

Markets

- Automotive • Appliance
- Electronics • Medical devices

Application ideas

- Gasket bonding
- Brake shim bonding
- Keypad bonding
- Buzz/Squeak/Rattle elimination
- Core starting and splicing of silicone liners

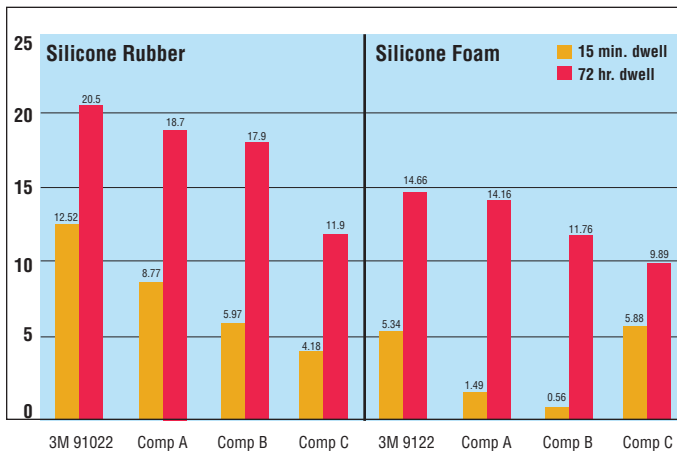
3M™ Silicone Laminating Adhesive Tapes

Product	Adhesive Type	Adhesive Thickness/ inches (mm)	Carrier/ Thickness/ inches (mm)	Adhesive Thickness/ inches (mm)	Liner Color, Type	Solvent Resistant	Relative Adhesion		Master Size
							HSE	LSE	
91022* Transfer Tape	Silicone	0.002 (0.05)	—	—	White, PET	High	Med	Med	Up to 48" wide
96042* Double Coated Tape	Silicone	0.002 (0.05)	Clear PET 0.001 (0.025)	0.002 (0.05)	White, PET	High	Med	Med	Up to 48" wide
9731 Double Coated Tape	Acrylic/Silicone Differential	0.0016 (0.041)	Clear PET 0.001 (0.025)	0.0029 (0.07)	Clear, PET/PCK	Medium	High	High	Up to 48" wide

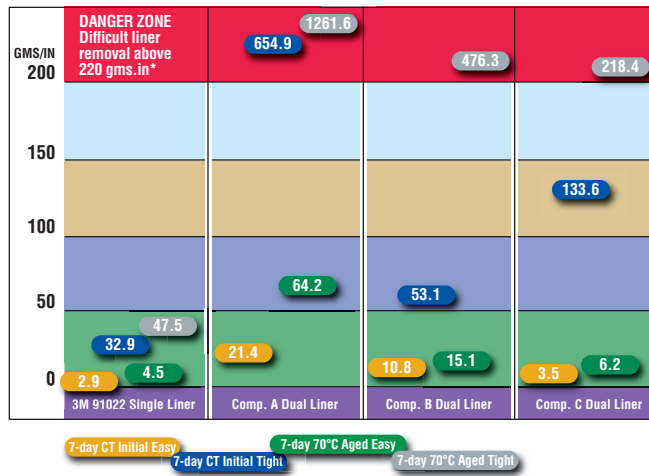
*Meets various industry standards of halogen free, including JPCA's (Japan Printed Circuit Association) JPCA-ES-01-1999, IEC's (International Electrotechnical Commission) 61249-2-21 and IPC's 4101B.

Secondary Release Liner	Product	Description/Application Ideas	Construction		Size
			Caliper Mils	Liner	
Non-silicone	5053	3M proprietary fluoropolymer release coat one side	3.0	Polyester, clear	46" x 360 yds.

Peel Strength (oz/in)



Liner Release



* Lower the gms/in, better the liner removal

NOTE: The technical information and data provided here should be considered representative only and should not be used for specification purposes. The user should evaluate the 3M product to determine whether it is suitable for the user's purpose.

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