



3M™ Double Coated Tissue Tapes 56412 and 56415

Stick to your design.

Discover the high-tack advantage of our innovative multi-purpose tapes, engineered to provide durable bonds from low surface energy (LSE) plastics to metal and everything in between – even at low temperatures.



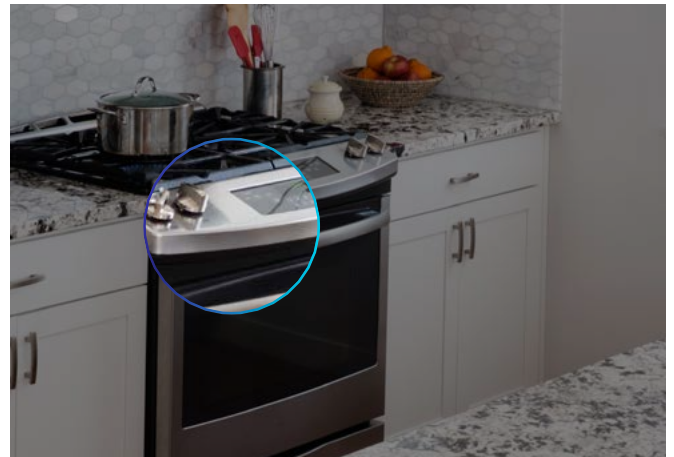
3M™ Double Coated Tissue Tapes 56412 and 56415

Designed for high-performance bonding, these translucent multipurpose tapes are your go-to solution for LSE and hard-to-bond applications.

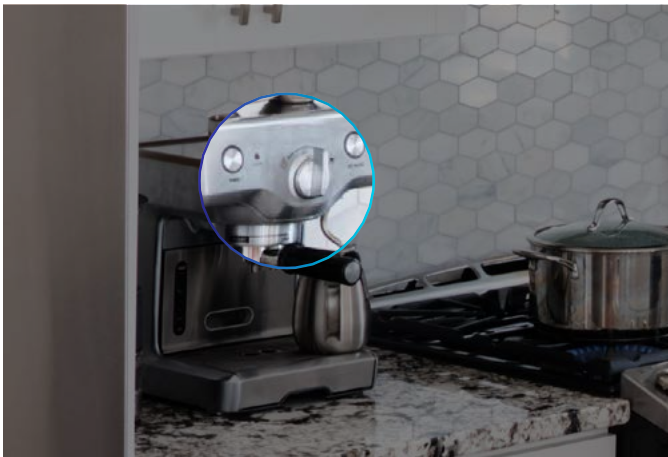
Break free from the constraints of traditional double coated tissue tapes with the groundbreaking power designed for high-performance bonding, even at low temperatures. The new 3M™ Double Coated Tissue Tapes adhere to curved or uneven surfaces and are reworkable on many materials.



Bonds LSE plastic to glass



Bonds stainless steel to metal



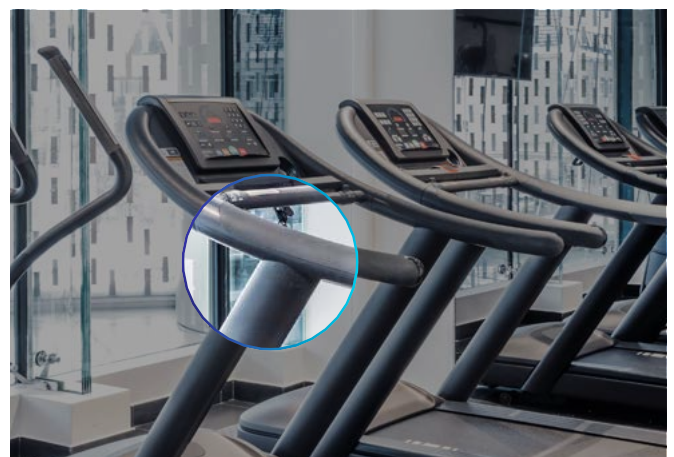
Bonds stainless steel to plastic



Bonds PU rubber to plastic



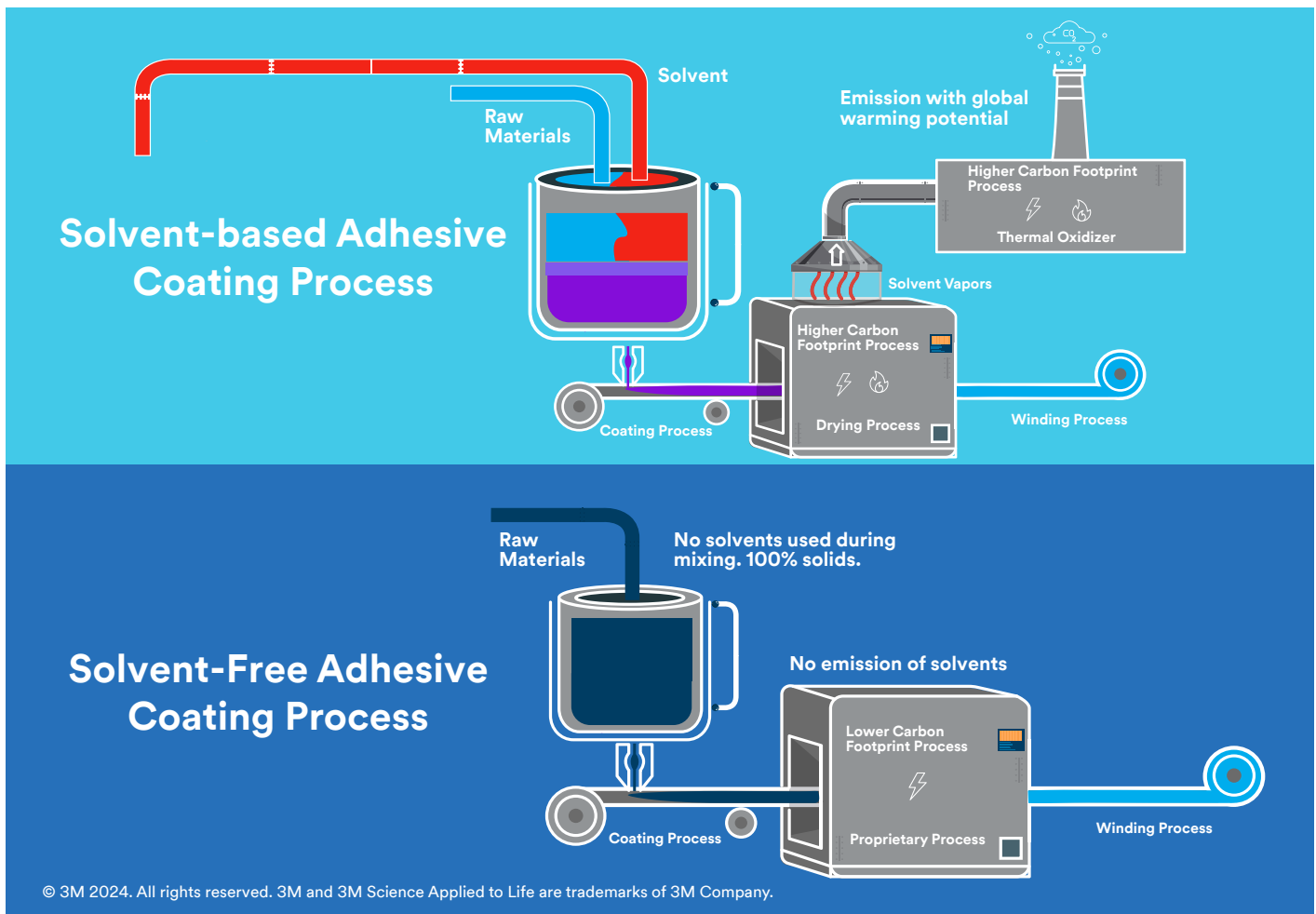
Bonds polycarbonate (PC) to powder-coated metals



Bonds foam or rubber to powder-coated metals

These tapes are produced via a solvent-free adhesive coating process.

Your annual purchase of 100,000 sqm of 3M™ Double Coated Tissue Tapes results in eliminating the use of approximately 8 tons of solvent, rather than the purchase of 3M tapes made via a typical solvent-based adhesive coating process. Benefits include no emission of solvents and no need for solvent recovery, which is an energy-intensive process, and less energy use compared to solvent-based coating technology.



Discover the benefits.

Our double coated tapes provide improved performance and superior quality that stand the test of time and help streamline your assembly process.



High initial tack

- Quick stick for fast and secure bonding.
- Excellent adhesion to LSE and HSE materials.



Environmental resistance

- Effective bonding at low temperatures.
- Maintains bond strength when exposed to heat or humidity.



Design versatility

- Reworkable – the tapes resist tissue splitting when peeled or removed.
- Conformable – they hold to curved and uneven surfaces.

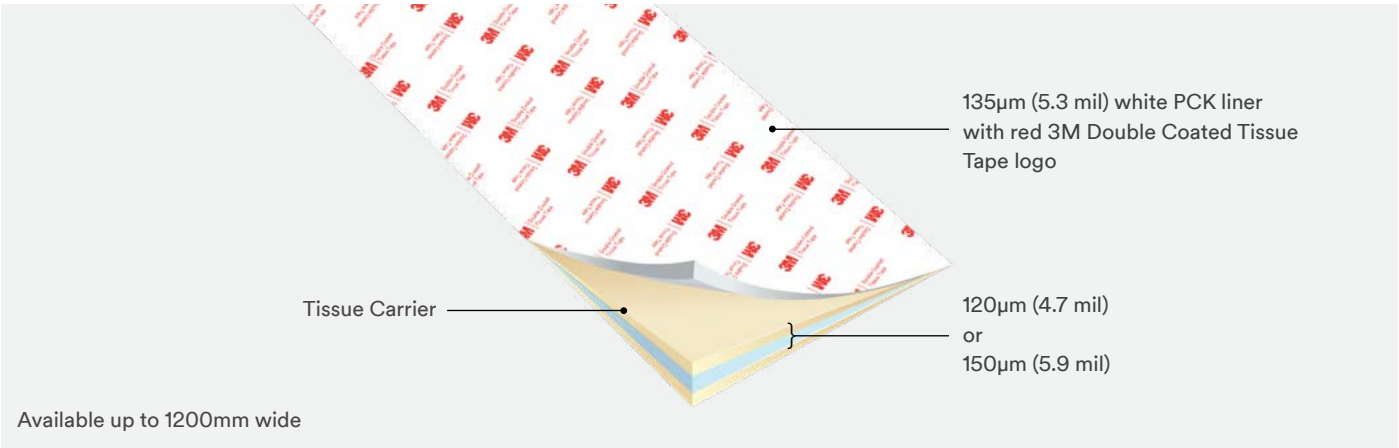


Enhanced aesthetics

- Translucent for improved appearance.
- Better clarity than traditional 3M™ Double Coated Tissue Tape.

3M™ Double Coated Tissue Tapes 56412 and 56415

These acrylic multipurpose tapes are available in 120-micron (56412) and 150-micron (56415) thicknesses and come on a PCK liner. The tissue carrier provides dimensional stability and improved handling for easier die-cutting and laminating.



Technical Performance

	3M™ Double Coated Tissue Tape 56415	Standard Double Coated Tissue Tape	Traditional 3M Double coated Tissue Tape
Solventless Technology	Solventless	Solvent	Solvent
Tack Performance	++++	++	++
180 Degree Peel Adhesion to SUS	+++	+++	++++
180 Degree Peel Adhesion to PC	+++	+++	++++
180 Degree Peel Adhesion to PP	++++	+++	++++
Static Shear Performance (1000g, RT, SUS)	++++	++++	++++
Static Shear Performance (500g, 70°C, SUS)	++++	++++	++++
Low Temperature Performance	++++	++	++
Reworkability	++++	++++	+
Clarity	++++	+++	++
Dynamic Shear Performance on SS	+++	+++	++++
Dynamic Shear Performance on PP	++++	+++	+++

3M data on file

Get the right tools for your application.

Our adhesive experts are happy to work with you to determine which of our thousands of tapes best meets your needs. 3M is here to help you choose the best DCTT solution for general industrial, electronics, appliance, transportation, and paper or print applications.



Scan the QR code or [click here](#) to get in touch with our expert and find the adhesive tape that best suits your needs.



3M Australia Pty Ltd
Industrial Tapes & Adhesives Division
Bldg A, 1A Rivett Rd
North Ryde NSW Australia 2113
Phone: 136 136
Email: 3M.support.safety.au@mmm.com
Web: go.3m.com/bonding-au

Product Selection and Use: Many factors beyond 3M’s control and uniquely within user’s knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer’s application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M’s option, replacement or repair of the 3M product or refund of the purchase price. Warranty claims must be made within one (1) year from the date of 3M’s shipment.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by applicable law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Disclaimer: 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and other limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, death, or property damage. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit [www.3M.com](#).

© 3M 2024. All rights reserved. 3M is the registered trademark of 3M Company. Unauthorized use prohibited. All other trademarks are property of their respective owners. Please recycle.