3M Science. Applied to Life.™

Recycled Corrugate Sealing Made Simple

When you think recycled corrugate, think 3M.



Adapting to the Rise of Recycled Corrugate



Market shift

Recycled corrugate is becoming increasingly prevalent.



Operational priorities

Your focus is on optimizing operations while keeping costs in check.



Sustainability advantage

By using recycled corrugate, you're also contributing to sustainability efforts.

Recycled Corrugate Challenges

- **Shorter fibers:** Shorter fibers may lower overall board strength and reduce tape adhesion.
- **Material variability:** Inconsistent fiber quality and surface characteristics may increase tape failure rates and create application challenges.
- **Higher moisture sensitivity:** Greater moisture uptake may weaken structure, compromise adhesion, and cause box crushing.
- **Increased surface defects:** Contaminates, pinholes, and roughness may create adhesion challenges.

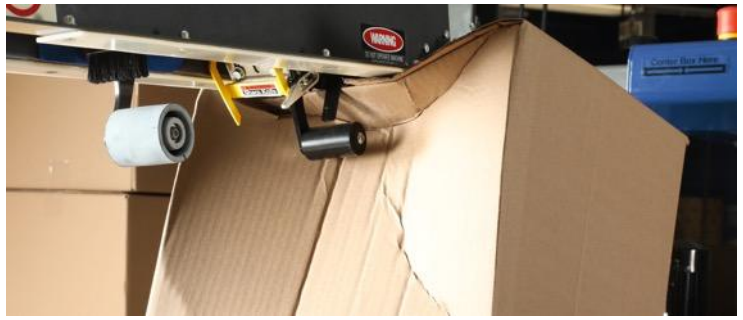


Your Challenges



Tape adhesion

Tape may not adhere as well to recycled corrugate, creating sealing challenges.



Box crushing

Recycled boxes may be weaker and more prone to crushing during handling and transit.



System jams

Inconsistent box structure may lead to jams and disruptions in automated packaging lines.

Your priority: Maintain consistent, reliable seals and keep your packaging lines running smoothly — despite the variability of recycled corrugate.



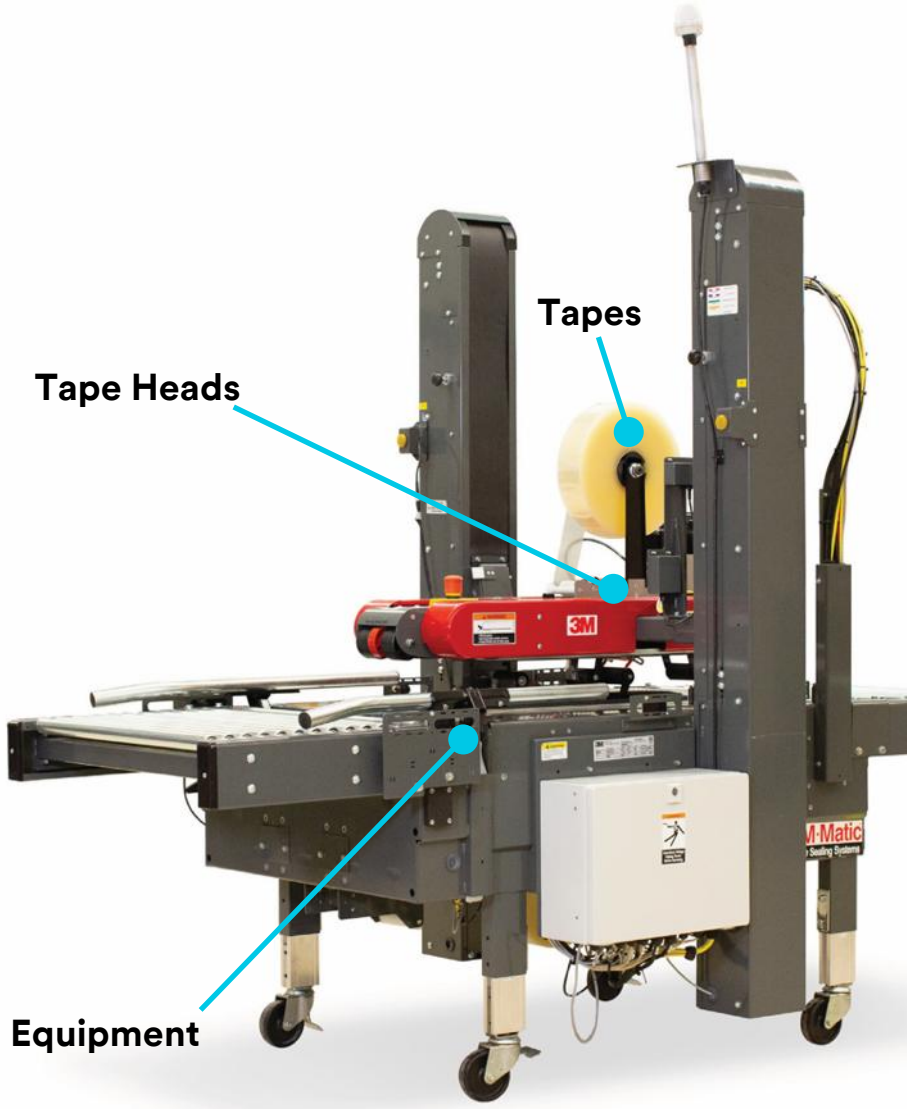
Introducing Your Complete Solution: The 3M™ RC Plus+ Sealing System*

Empower your team to focus on core operations while 3M handles the challenges of recycled corrugate.

Operational efficiency: Streamline your processes with solutions that can help reduce downtime and maintenance needs.

Consistent performance: Achieve reliable sealing with solutions designed to help minimize rework.

Cost savings: Optimize your packaging operations to help reduce costs associated with inefficiencies and material waste.



**RC = Recycled Corrugate*

Scotch® Plus+ Tapes for Recycled Corrugate



Medium Duty | Heavy Duty | Ultra-Heavy Duty

Engineered for everyday use and to perform when applied at cold temperatures

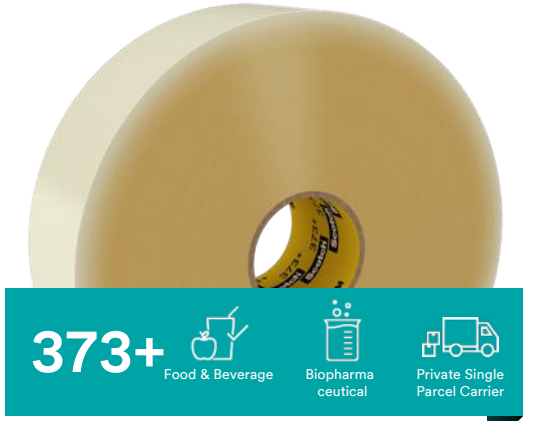
- Palletized shipments
- Performance-grade acrylic
- Everyday use
- Great value for the dollar



Medium Duty | Heavy Duty | Ultra-Heavy Duty

Designed to seal quickly and securely

- Palletized shipments
- Quick stick hot melt adhesive
- Everyday use
- Available in custom printing



Medium Duty | Heavy Duty | Ultra-Heavy Duty

Developed to withstand the stresses of over and under-packed boxes

- High value palletized shipments
- Quick stick hot melt adhesive
- Box weight up to 80lbs*
- Private single-parcel carrier
- Available in custom printing



Medium Duty | Heavy Duty | Ultra-Heavy Duty

Created for ultimate strength in the toughest commutes

- Tough commute shipments
- Quick stick hot melt adhesive
- Box weight up to 100lbs*
- Third-party carrier
- Available in custom printing

Acrylic

Hot Melt

Recycled Corrugate Sealing Made Simple

Advanced Tape Heads with Soft-Touch Technology

Minimize jams and rework with strong, consistent seals so your lines run smoothly.

- **Soft-touch dispensing and wipe down:** Achieves strong adhesion without crushing boxes and applies consistent pressure across recycled corrugate.
- **High-speed durability:** Withstands high-speed packaging line demands.
- **Jam reduction:** Helps to reduce jams with fewer crushed boxes.



Robust Equipment To Handle Structural Challenges



Case sealers

Heavy-duty, long-lasting designs that are gentle enough to handle underfilled or overfilled recycled corrugate boxes.



Integrated system

Works seamlessly with 3M tapes and tape heads.

Flexible setup

Different machine options available to meet your operation's specific needs.



Strategic Advantages for Long-Term Success



Competitive edge

Stay ahead of industry trends with innovative solutions for recycled corrugate.



Helps to lower total cost to operate

Reduce jams, rework, tape waste, and unplanned maintenance to keep lines running smoothly.



Operational resilience

Get consistent seals on recycled corrugate, even with variability in board quality or case fill.



Support your sustainability efforts

Support your use of recycled corrugate without compromising performance.

Take the Next Step

Contact us today to discover how the 3M™ RC Plus+ Sealing System can help you overcome the challenges of recycled corrugate and achieve operational excellence.

You'll get:

Expert support to help navigate the unique challenges of recycled corrugate.

Tailored solutions designed to enhance performance with recycled corrugate.

Schedule a demo to see the system in action.



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