



ADVANTAGE CONVERTING

Advantage Converting Meets Aerospace Industry's Tight Manufacturing Requirements for Vibration Dampeners

Industry: Aerospace

Application: Vibration Dampening

Services: Clean Room Manufacturing,
Custom Die Cutting, Laminating

Materials: Rubbers, Tapes & Adhesives



Case Study

Challenge

An aerospace company had designs and hand-built prototypes of various-sized vibration dampeners. The parts required extremely tight tolerances on the edge quality/profile and the dimensional geometry of the finished part. The company needed a scalable manufacturing method with the ability to produce production volumes.

Solution

Advantage Converting successfully developed and produced the vibration dampeners according to the customer's precise specifications. Advantage Converting's engineering team applied decades of experience in converting and technical manufacturing to develop an innovative technique to meet ultra-specific edge-quality profile and dimensional tolerance. The multilayer viscoelastic damping polymers were laminated, and the dampeners were die cut to specifications.

Results

- The successful manufacture of a conceptual design enabled the customer to successfully launch a new product line
- Scaled production to meet market demand

Tell Us Your Challenge: info@advantageconverting.com

Call Our Team: 650.802.6800

Come See Us: 266 Industrial Rd. Suite A · San Carlos, CA 94070

advantageconverting.com



Our Mission

Advantage Converting strives to serve our customers' every need. You're our lifeblood. We value every opportunity to learn about you, collaborate, and build a lasting relationship. From A to Z, our team is dedicated to understanding and realizing your challenge.

Our customer commitment:

- Produce the highest quality products at a fair cost
- Provide exceptional product turnaround time
- Offer unsurpassed customer service and support
- Ensure sensitivity to all customer privacy needs

We want to contribute to your success. By partnering in all steps from product development to delivery, Advantage Converting will make every effort to ensure you accomplish your goals.

Our Services

- Custom Die Cutting
- Precision Slitting and Rewinding
- Multi-layer Laminating
- Thermal Laminating
- Cleanroom Manufacturing
- Controlled Environment Printing
- RF Welding
- Island Placement
- Packaging and Assembly
- Engineering and Prototyping



Our Process

No matter what stage you're at, we can help you. Whether it's a scratch of inspiration on a napkin, or a fully designed and blueprinted idea, our creative engineers will work with you to make your idea a reality.



Building Relationships

Our customers are our lifeblood. From our initial consultation, and through each step of the process, we value every opportunity to learn about you, your business, and your challenge.



Engineering & Prototyping

Our highly skilled R&D team collaborates with your top engineers on the most difficult design challenges and incorporates your application, quality and cost requirements into a streamlined process and solution.



Manufacturing

To meet your quality, cost, and delivery expectations, we use our comprehensive capabilities, from basic assembly to the highest levels of automation and clean room expertise.



Quality Control

With over 30 years of experience, we incorporate the uppermost quality standards and unparalleled process management from initial consultation to final delivery.



Packaging & Distribution

We utilize our broad logistical knowledge and industry resources to ensure we meet your packaging and distribution requirements, regardless of type and scope.



Service & Support

Our customer service team is committed to providing you highest-quality support and satisfaction for every inquiry and request, whether it's broad or specific, about designing, manufacturing, or shipping.