

**INNOVATIONS FOR
MANUFACTURING
AND MACHINERY**

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Gasket Engineering is ISO
9001:2015 Certified



Built on a heritage of die-cutting expertise, expansive state-of-the-art facilities and a top-level drive for continuous technology adoption, Gasket Engineering Company maintains in-house proficiency in converting a multitude of materials in facilities that house a large selection of machinery across several industries.

DIE CUTTING



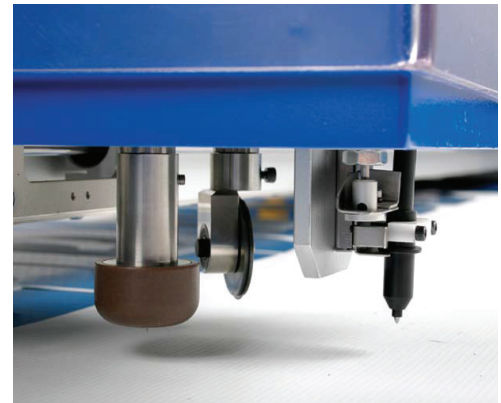
Flatbed precision die cutting is a versatile, accurate, and cost effective process best suited for medium to large shapes that need to be cut from a wide variety of materials such as foam, rubber, plastic, silicone and cork. Customers know they can rely on our ability to supply custom die cut parts that seamlessly blend with all other components. With custom die cutting services, we build dies in-house – a unique and hard-to-find service. Custom die cutting is especially useful if you have a project that requires an unusual shape or size.

- Steel rule and compound steel dies
- Large format
- Soft flexible materials
- Pressure sensitive adhesive applications
- Kiss cut to liner

DIE-LESS CUTTING

Our software-driven CNC equipment allows Gasket Engineering Company to process master rolls of material directly into finished goods. When it comes to die-less cutting, you will be impressed by the efficiencies we deliver. While punch presses require feeding material into the machine, digital die cutting process allows material to nest with only 1/8" spacing.

- Software driven
- Material nesting software to reduce scrap
- Highly automated
- Multiple cutting options
- Pen marking
- Large format (up to 112" wide by infinite length)
- High volume
- Multiple layers, cuts up to 1" in thickness

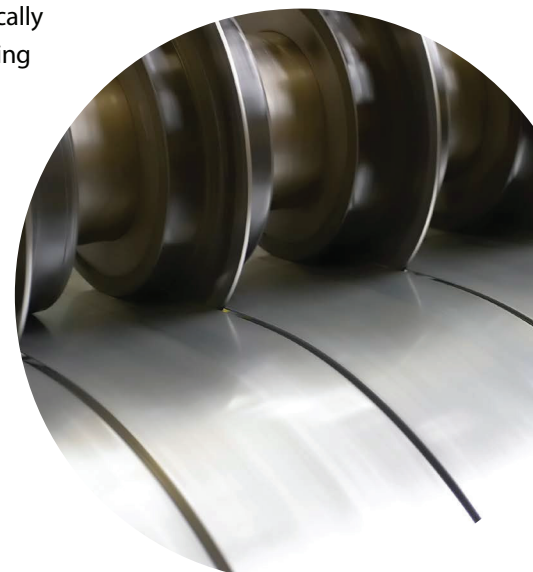


SLITTING

Gasket Engineering Company provides high quality, custom precision slitting and rewinding services. Slitting is the conversion process that cuts wide rolls into narrow coils. Our technologically advanced machinery will perform precision slitting and will rewind material to custom lengths and widths to provide optimal material usage in customer applications—helping eliminate costly scrap.

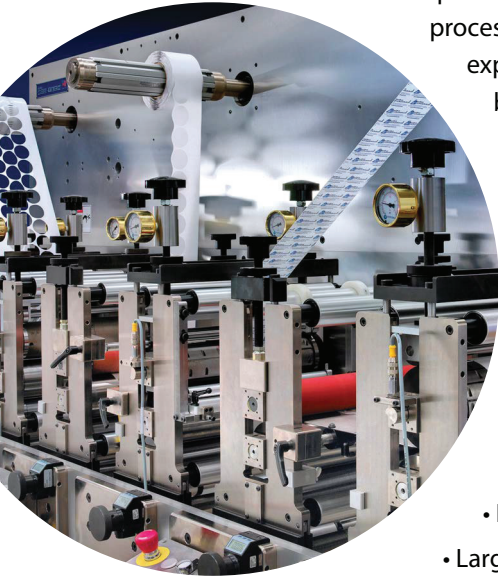
We have several slitting services that utilize score, shear, and we can vary the length of the rewinding processes of the finished coils during slitting. Choose from:

- Precision slitting and metering rewind
- Shearing
- Lathe cutting
- Roll to roll



ROTARY DIE CUTTING

Rotary die cutting is a perfect solution for high volume parts with very tight tolerances. The multi-station cutting format allows the use of multiple materials to be layered and cut in one fluid process. Because our experts have over 25 years of experience with a multitude of materials and a broad range of production processes, we are able to recommend the right converting process for each project. We can do either 'pick-n-place' or 'assembly line' for faster manufacturing processes.

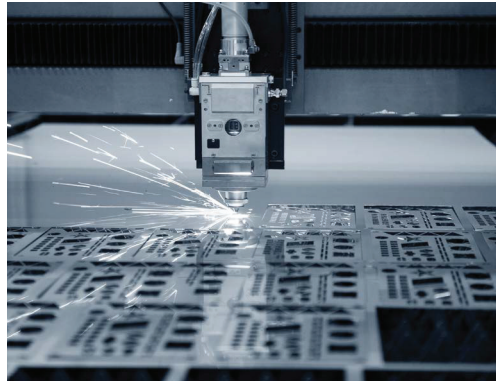


- Cylindrical die
- Tight tolerances
- Repeatability
- Multiple material layers
- Multi-station cutting
- High speed
- Large volume

LASER CUTTING

When your project requires precision, tight tolerances, and an exact shape and size, Gasket Engineering Company offers laser cutting services to deliver the highest quality results.

- Most precise tolerances
- Software driven
- Rapid prototyping
- Multi-process
 - Cut
 - Engrave
 - Mark
 - Photo images on material
- Non-contact



LAMINATING

When your job requires the mating of two materials before processing, the most common method of bonding is the introduction of PSA (Pressure Sensitive Adhesive) to a substrate. Gasket Engineering Company works closely with its long-standing adhesive suppliers to ensure that the proper materials are selected for a specific application.

- Pressure Sensitive Adhesive (PSA) application
- Foams
- Roll to roll process
- Plastics
- Heated lamination
- Joining dissimilar materials

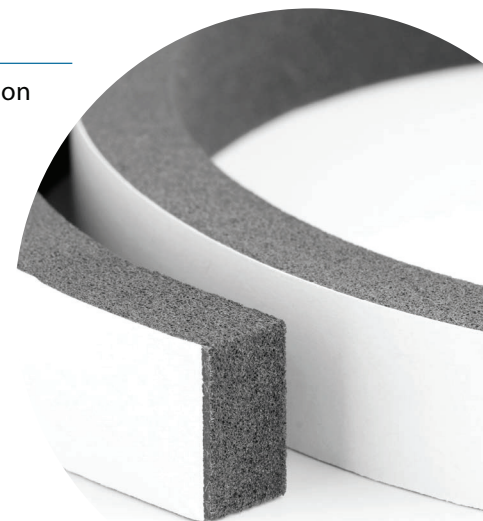
PROTOTYPING

With a wide variety of converting platforms we have the capability to quickly turn around a customer's most complex and urgent prototype needs. Our design engineers will help advise you from prototype to production.

COMPONENT KITTING

We are often manufacturing many different gaskets that will eventually be used together in the same line of final production. Rather than shipping each part separately, clients often find it helpful for those parts to arrive as a "kit. This process, in which individually separate, but related items are grouped, packaged and shipped together as one unit is referred to as component kitting.









- Special coatings, stamping and custom packaging services are offered in a very cost effective manner
- Managing multiple parts for our clients
- Custom packaging capabilities to meet a wide variety of customer needs
- Suitable for a wide range of materials
- Suitable for cutting composites such as fiberglass, carbon fiber, and Aramid (Kevlar®)



MATERIALS

-  Tapes and adhesives
-  Filters and venting
-  Foam and sponge
-  Rubber
-  Standard gasket materials
-  Plastics
-  Thermal management
-  Diaphragm
-  Other

INDUSTRIES

-  Aerospace
-  Electronics
-  Alternative energy
-  Industrial
-  Automotive
-  Marine
-  Heavy equipment
-  Medical

A 3M Preferred Converter is a unique designation within the 3M Industrial Adhesives & Tapes Division. This status says a company's process uses its own unique capabilities coupled with 3M technologies to meet manufacturer's product and process requirements.

—Jason Christopher, 3M converter markets specialist



3M recognized Gasket Engineering as a 3M Preferred Converter for the following:

- Leadership in the converting industry for over half a century
- A seasoned team of experts in materials and production processes
- Offer a wide range of converting capabilities
- Quality management systems that meet stringent standards
- Unparalleled customer service that delivers results



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Approved Converter



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