



SOLVE + MAKE™
Custom coating, laminating, converting





EFFECTIVE SOLUTIONS FOR DIVERSE APPLICATIONS

Jessup Manufacturing offers contract coating, laminating, converting, and supply chain services that integrate seamlessly with your workflow. We specialize in producing products that are tailor-made to the specifications of our clients. Our wide range of products include:

- Adhesive coated films for replacing epoxy coatings in the marine industry.
- Photoluminescent tapes for life-saving industrial safety equipment.
- Transfer adhesives for mounting various materials.
- Adhesive coated suede and carpeting for automotive vehicle interiors.
- Pressure sensitive adhesives for digitally-printed wall coverings.

Jessup's team of professionals—engineers, chemists, production managers, quality specialists, customer service specialists—work as an extension of your business. We define, solve, and make your custom material or product according to your timeline.

Jessup is ISO 9001:2008 certified and operates on the principle of continuous improvement, both internally and for our customers. Our manufacturing plants are located in the USA, although we serve a global marketplace.



SOLVE + MAKE™ PROCESS

Our goal is to make it easier and faster for you to build products and bring them to market. We follow a six-step process to ensure that we engineer the best product for your application and provide you with all of the support you need.

Jessup's process gives you the most options while ensuring quality design, production, and supply chain services. We work within your business needs and workflow to make you more competitive.



STEP 1: DISCOVERY

Jessup takes the time to understand your business problem. Our experienced team begins by quickly learning your business and application. We review current samples, drawings, and specs for the part or product. We then explore the installation environment, taking note of factors such as substrate, temperature, humidity, wear, and more.

Jessup assigns engineers, chemists, and other specialists to your project based on what we learn during the discovery process. You will work directly with these experts to arrive at an ideal solution.

The process begins with discovery questions such as:

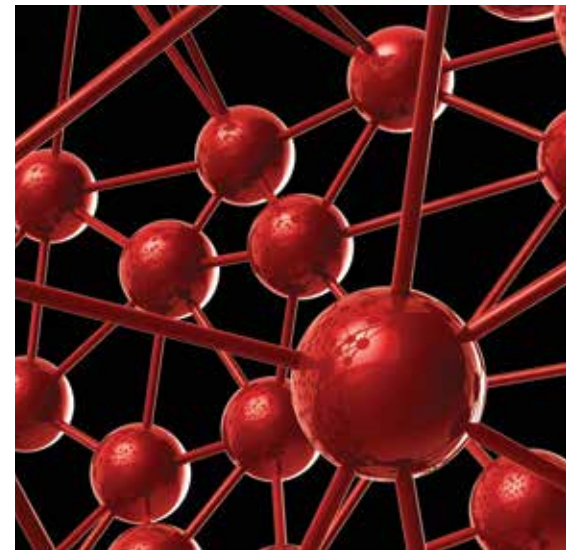
What is the application?

What are the performance expectations?

What are the installed environmental factors?

What are the downstream assembly conditions?

What aesthetics are required?







STEP 2: DESIGN

In a state-of-the-art laboratory, Jessup chemists and engineers develop your product—substrate, adhesive, liner, topcoat, and other constructed layers, as needed. Our highly qualified team has industry expertise in photoluminescent pigments, grit coatings, solvent adhesives, and specialty materials.

The design phase includes specifications, product design, and laboratory samples.

Technical services

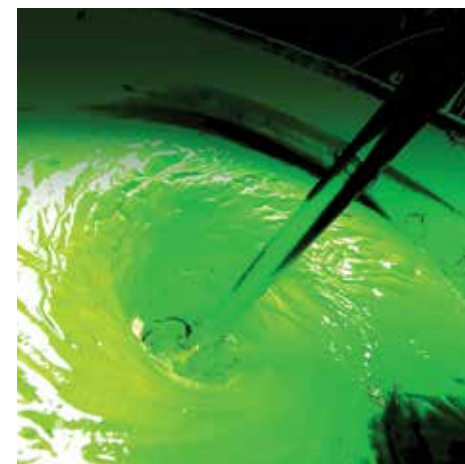
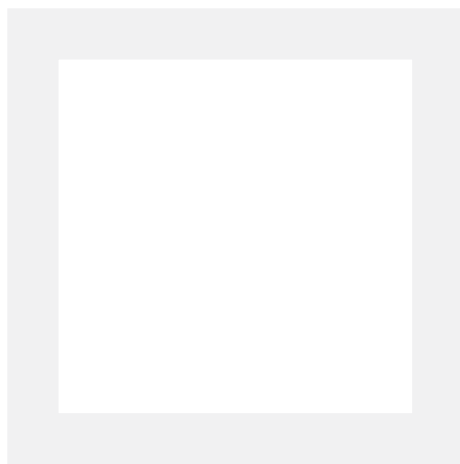
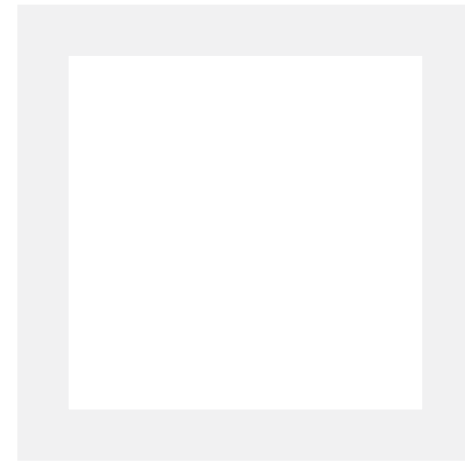
Product design

Laboratory samples

Performance testing

Certification

Compliance documentation

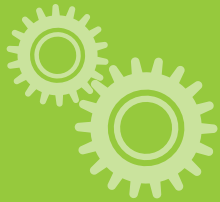
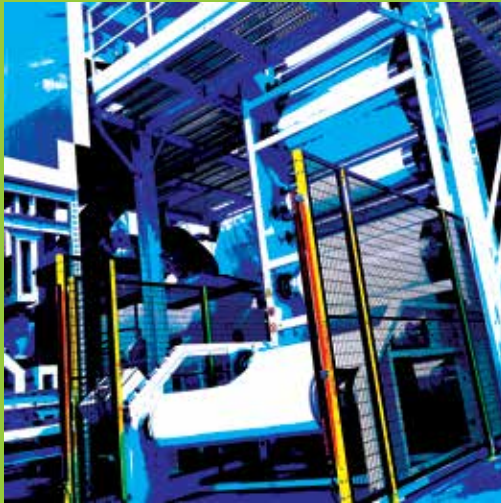




STEP 3: TESTING + CERTIFICATION

Jessup performs product testing in the lab and in application environments. This is done on prototype samples and production samples. Typical performance tests examine peel, shear, UV stability, temperature, moisture, and wear. Other performance tests may be necessary and will be identified in the design phase.

Certification standards to which we comply include UL Listing, ETL Listing, U.S. military specification, NFSI, and others. Regulatory certifications we can help you achieve include Registration, Evaluation, Authorization and Restriction of Chemicals (REACH); Restriction of Hazardous Substances (RoHS); and California Proposition 65, among others.



STEP 4: MANUFACTURING

Jessup has partnered with customers to make unique materials for 60 years. Our coating equipment has a range of capabilities for short-, medium-, and long-run coating projects.

We are proud to manufacture in an environmentally responsible way. Virtually 100% of emissions from Jessup's manufacturing facilities are captured by a Regenerative Thermal Oxidizer (RTO).

COATINGS

Acrylic pressure sensitive adhesives
Rubber pressure sensitive adhesives
Low temperature heat/solvent reactivated
High temperature heat/solvent reactivated
Polyurethanes
Plastisols
Custom mixing
Custom saturation coatings

COATING EQUIPMENT

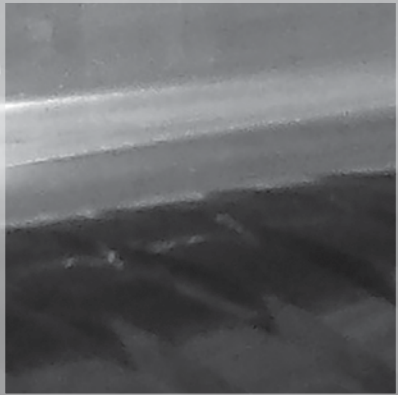
Knife over roll
Meyer rod
Saturation coating
Maximum width 61" (54" saturation coating)
Rewind diameter 36"
Unwind diameter 40"
Weight capacity 2,000 lbs.
Unwind cores 3"- 6" – 10"
Rewind cores 3"- 6" – 10"

SUBSTRATES

Polyester film
Polyethylene film
PVC film
Polypropylene
Polyimide film
Styrene film
Foil
Textiles
Rubber
Foam
Cork
Felt
Paper
Fiberglass
Non-wovens
Gasket
Other roll goods

LINERS

Paper liners (SCK, clay coated, glassine)
Poly-coated liners
Polyester and other film liners
Non-silicone release liners





STEP 5: CONVERTING + PACKAGING

Once your materials are made, Jessup can slit, sheet, laser cut, die cut, kiss cut, and back-slit. Our custom packaging options include labeling, bar-coding, custom inserts, and kitting.

CONVERTING

Flatbed die-cutting

Rotary die-cutting

Kiss cutting

Slitting

Razor – shear – score

Roll-to-roll lamination

Roll-to-sheet lamination

Laser cutting

Sheeting

Rewinding

Perforating

Printing

Embossing

PACKAGING

Labeling

Bar-coding

Shrink wrap

Kitting

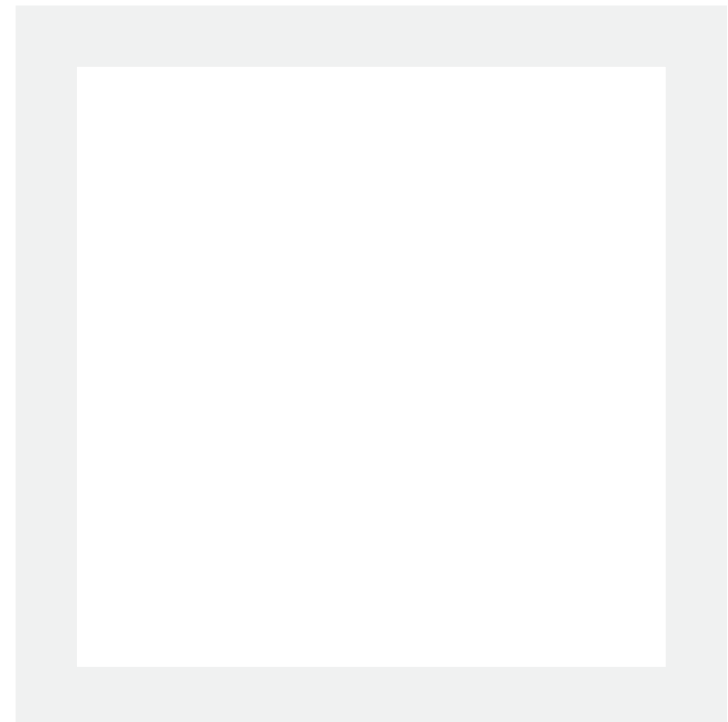
Packing

Shipping

Custom pallets

Package inserts

Private labeling





STEP 6: STORING + SHIPPING

Jessup is just as experienced at handling materials as we are at sourcing them. We provide logistics support for finished goods if you require it.

Supply chain services

Sourcing

Storing

Shipping

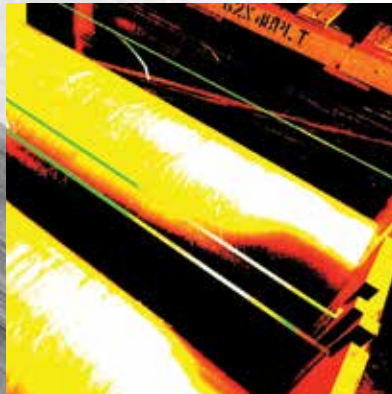
Just-in-time fulfillment

Drop-shipping

SOLVE + MAKE™ IMPLEMENTATION

Your Solve + Make™ project with Jessup Manufacturing Company is managed with tested project management methods and proper documentation. Your Evaluation Plan maps out milestones and decisions while giving all team members the ability to view progress updates at any time.

Your Jessup team will work efficiently and transparently to implement your project according to your precise needs.



IMPLEMENTATION SERVICES

Dedicated team

Project management

Documentation

Seamless prototype to production

Production planning

Ongoing customer service

Sample Evaluation Plan for XYZ Customer

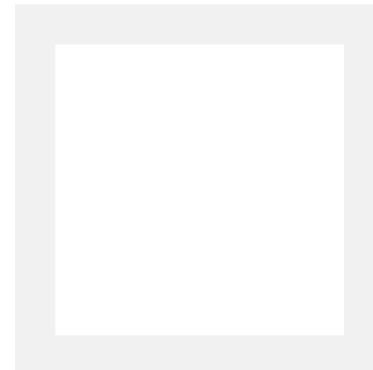
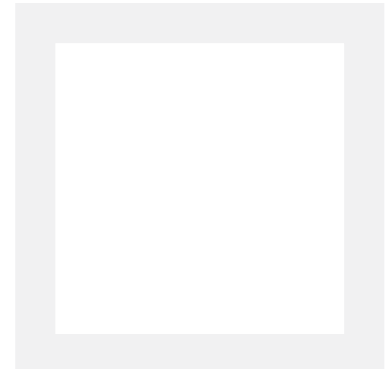
Event	Week of	X	Responsible	Go/No Go	Billable
JMC meeting with Jane Doe, XYZ Customer project lead.	4/11/16	X	JMC/JH		
JMC to source "special new material" and foam.	4/18/16	X	JMC/Purch		
XYZ Customer to provide CAD drawings for part layout.	4/18/16	X	XYZ Customer		
XYZ Customer to provide 100 yds of "existing material" for JMC to conduct coating and converting trials. JMC to provide foam.	4/25/16	X	JMC/Engineering	X	TBD
JMC to laser die cut samples and sample XYZ Customer.	5/9/16	X	JMC/Engineering		
JMC to send samples to XYZ Customer for approval.	5/16/16	X			
JMC to review sample testing and approval.	5/23/16				
JMC to define procurement program with XYZ Customer to structure JMC purchases, production and inventory stocking levels.	5/25/16				
JMC to review Solve + Make™ final proposal with XYZ Customer.	5/30/16	X	JMC/JH		
Production trial of 1000 yds - 2000 yds.	6/6/16	X	JMC/Manufacture	X	YES
Production trial/Order #2	7/11/16	X	JMC/Manufacture	X	YES
Commercialization of product with blanket order with release dates.	8/15/16	X	JMC/XYZ Customer		

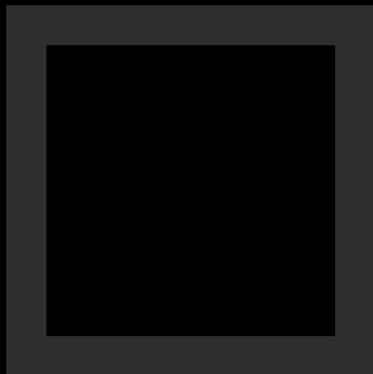
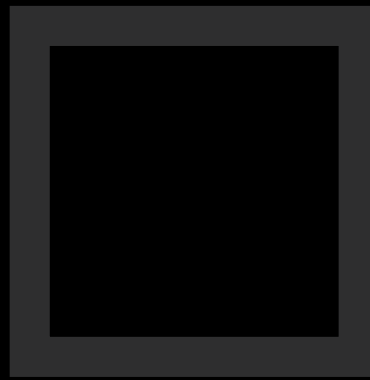
THE RIGHT SOLUTION + MADE RIGHT

Solve + Make™ gives you flexibility, reliability, speed to market, and confidence in your solution. The Jessup team can serve as an extension of your own team and expand as your business grows. One successful project often leads to another. Jessup can provide comprehensive services to help you bring products to market — from sourcing raw materials and making parts to bar-coding them for your channel partners and shipping them anywhere in the world.

START A CONVERSATION

Let Jessup solve and make your industrial, commercial, or consumer material. Contact Jessup Manufacturing to discuss your project with a member from our team by visiting jessupmfg.com or by calling 888-711-7735.





Jessup Manufacturing Company

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