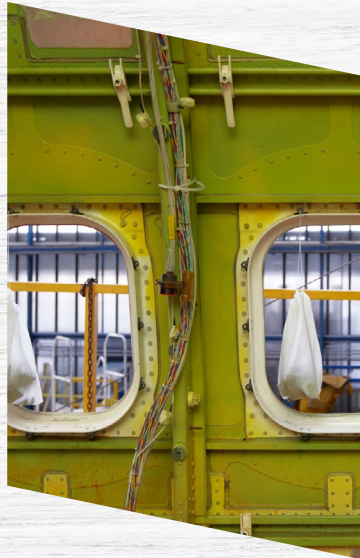


# AEROSPACE & DEFENSE

## *Sourcing Guide*





# KEY APPLICATION SOLUTIONS

PAINTING/FINISHING	INTERIOR FINISH	SPECIALTY TAPES	COMPOSITES
<b>ALUMINUM FOIL</b> Protect sensitive parts during the chemical stripping process - can be die cut to exact sizes and shapes while offering easy removal	<b>FR CARPET TAPES</b> Fire retardant carpet tapes are double coated for fast, safe, and secure carpet installation	<b>FOIL/GLASS CLOTH</b> Radiant heat shield for engine compartment cable wiring and missile launch pads	<b>PTFE TAPE</b> Effective anchoring tape for release film and bleeder layer in vacuum bag composite bonding operations - high temperature and chemical resistance
<b>PLASTICIZED PVC</b> Effective masking tape for plastic media blast paint removal - conforms to contoured shapes for crisp masking lines	<b>VINYL TAPE</b> Used as a moisture barrier on galley and restroom floor areas - generally bacteria and fungus resistant	<b>FR GLASS CLOTH</b> Seals seams of fire retardant panels in storage areas	<b>PTFE COATED GLASS CLOTH TAPE</b> Offers high mechanical strength with solvent and chemical resistance - secure vacuum bags to master tools and use as easy release separator between composite laminate master tool
<b>POLYESTER MASKING</b> Reliable masking in high temperatures required by powder coat painting	<b>PROTECTIVE FILMS</b> Options available to protect most surfaces from collateral damage during installation and refurbishing	<b>SILICONE RUBBER, SPONGE &amp; FOAM</b> High temperature harness wrap and insulator for cable joints and splices	<b>DC CLOTH TAPES</b> Very high adhesion lets tape bond firmly to honeycomb structures during precision tooling
<b>CREPE MASKING</b> Hand tearable and clean easy removal, general purpose masking solution that conforms to tight corners		<b>ELECTROPLATING</b> Vinyl tape resistant to the chemicals for electroplating	<b>SILICONE FREE TAPES</b> Non-silicone tapes for composites, plating, autoclave, and shot peening
		<b>HOOK AND LOOP</b> Fasten and secure kick plate panels, seat cushions, carpet, and more	

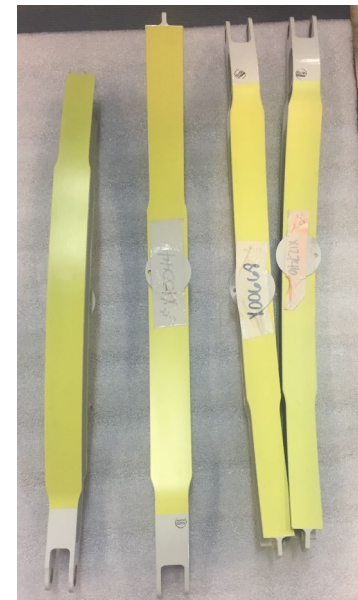




# CASE STUDY

## *More Efficient Part Masking*

Components in the aerospace industry often require complex masking applications for finishing processes. Our customer had a team of eight employees masking, both large and small, detailed sections of structural parts in preparation for the shot peening process. The tedious masking process was frustrating for the employees performing the masking. Both cutting the shapes for the masking area and applying the tape took enormous amounts of time. [Read more](#) about how Budnick's pre-cut masking parts reduced their labor cost by \$532/day and increased part output by 125%.





# WHY BUDNICK?

*We're Converting Things Others Can't*

## **Custom Products and Services Enhance Your Productivity**

The Budnick team partners with our customers to increase the performance of both the product and the process. We offer thousands of materials from dozens of manufacturers and convert to the most user-friendly form for each of your unique applications. These customized solutions can reduce your overall costs and simplify the application and/or removal of adhesive coated parts. With specialists in sourcing, engineering, prototyping, dispensing, and applying your tape, we work hard to identify your best solution.

## **The Converting Experts**

Our development specialists average more than 20 years of experience in the tape industry. With instant access to technical gurus at 12 major tape manufacturers and an internal support team of more than 25 people, we can quickly resolve challenging custom application issues, source the optimal material, engineer the ideal part, and convert your material to exacting tolerances.

## **Your Satisfaction is Our Priority**

Budnick is a customer-focused organization. To fully understand your needs and drive value for your company, we partner with you to learn your business, your unique applications, and the needs of your job function.

## **We're Easy to Work With**

While we have great systems and procedures in place, we realize that sometimes you have special circumstances and you just need some friendly help to get out of a jam - so we empower our associates to do what it takes to keep you running.





Your experienced Budnick team is here to help with application issues. We'll help you get the optimal product for your unique applications. With over 65 technologically advanced converting machines to custom slit, die cut, print, spool, laser, and waterjet cut custom parts, Budnick can reduce your processing time and costs, while improving your quality.

## SERVICES

Application Engineering  
In-Line Laser Cutting  
Rewind Slitting  
Lathe Slitting  
Rotary Die Cutting  
Flatbed Die Cutting  
Traverse Winding (Spooling)  
XY Axis Table Plotter  
Sheeting  
Laminating

Perforating  
Waterjet Cutting  
Flexographic Printing  
Inkjet Printing  
Sequential Numbering  
Bar Coding  
Island Placement  
Adhesive Coating  
Pattern Coating  
Extended Liners

Private Labeling & Packaging  
Custom Fabricating  
Large Adhesives Inventory  
Inventory Management  
Contract Converting  
Project Consulting  
Prototyping  
Medical Cold Sealing

## ADHESIVE AND NON-ADHESIVE MATERIALS

Double Coated Tapes  
Adhesive Transfers  
Non-Woven Materials  
Foams (adh. or no)  
High Bond Acrylics  
Masking Papers  
Filament Tapes  
Cloth Tapes  
Laminates  
UHMW Material  
Tensitized Polypropylene  
Polyvinyl Chloride (PVC)  
Unplasticized PVC

Banner Ups®  
SEGDesign™ (Silicone Edge Graphics)  
Polymide  
Polyester  
Polypropylene  
Paper  
Foil  
Polyethylene  
Polyurethane  
Polytetrafluoroethylene  
Glass Cloth  
Label Stocks  
Gaskets

Films  
Plastics  
Rubber  
Heat Activated Tapes  
Water Activated Tapes  
Sound Damping  
Reclosable Fasteners  
Rubber and Plastic Extrusions  
Silicone Sponge and Rubber  
Fabrics and Textiles  
Magnetic Stocks and Tapes  
Cohesive Packaging

**NEED HELP WITH AN APPLICATION? CONTACT US TODAY!**

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