

Aerospace & Defense Buyers' Guide



Key Application Solutions

Painting/Finishing	Interior Finish	Specialty Tapes	Composites
<p>ALUMINUM FOIL</p> <p>Protect sensitive parts during the chemical stripping process - can be die cut to exact sizes and shapes while offering easy removal</p> <p>PLASTICIZED PVC</p> <p>Effective masking tape for plastic media blast paint removal - conforms to contoured shapes for crisp masking lines</p> <p>POLYESTER</p> <p>Reliable masking in high temperatures required by powder coat painting</p> <p>CREPE MASKING</p> <p>Hand tearable and clean easy removal, general purpose masking solution that conforms tight to corners</p>	<p>FR CARPET TAPES</p> <p>Fire retardant carpet tapes are double coated for fast, safe, and secure carpet installation</p> <p>VINYL TAPE</p> <p>Used as a moisture barrier on galley and restroom floor areas - generally bacteria and fungus resistant</p> <p>POLYESTER</p> <p>Can also be used as a moisture barrier due to low vapor transmission rate with high strength/thin profile combo</p> <p>PROTECTIVE FILMS</p> <p>Options available to protect most surfaces from collateral damage during refurbishing</p>	<p>FOIL/GLASS CLOTH</p> <p>Radiant heat shield for engine compartment cable wiring and missile launch pads</p> <p>FR GLASS CLOTH</p> <p>Seals seams of fire retardant panels in storage areas</p> <p>SILICONE RUBBER</p> <p>High temperature harness wrap and insulator for cable joints and splices</p> <p>GLASS CLOTH</p> <p>Ideal for plasma spray processes and panel sealing</p> <p>ELECTROPLATING</p> <p>Vinyl tape resistant to the chemicals for electroplating</p> <p>HOOK AND LOOP</p> <p>Fasten and secure kick plate panels, seat cushions, carpet, and more</p>	<p>PTFE TAPE</p> <p>Effective anchoring tape for release film and bleeder layer in vacuum bag composite bonding operations - high temperature and chemical resistance</p> <p>PTFE COATED GLASS CLOTH TAPE</p> <p>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</p> <p>DC CLOTH TAPES</p> <p>Very high adhesion lets tape bond firmly to honeycomb structures during precision tooling</p>

INSIGHTS

CUSTOM PARTS ENHANCE YOUR PROCESS

As the saying goes, "Time is money."

Many processes can include time-consuming steps, whether you're masking parts for finishing processes, waiting for liquid adhesives to cure, or prepping for the welding process, there are many places where adhesives can improve and create efficiencies within your existing processes.

At Budnick we're all about making our customers more efficient. We have numerous customers in the Aerospace and Defense industries that have utilized our tape solutions to speed-up or remove bottlenecks in their processes.

We specialize in flexible adhesive products designed for your needs. Whether you're creating the major structural components of the fuselage, finishing windows, or outfitting the interior of an aircraft, Budnick has a solution for you.

While customized parts are often more expensive on the surface than chopping down a roll of tape with a utility knife or scissors, savings are seen in a steep increase in productivity and decrease in the costs associated with rework that is often required by hand-cutting pieces (especially when it comes to masking and metal finishing applications). And if there's one thing that drives the aerospace and defense industry - it's the perfection and precision of your final product.

Our customized adhesive tapes give you the peace of mind to know that you can get your product to your customers faster, increasing your revenue and opening the door for new opportunities.





CASE STUDY

IMPROVING MASKING EFFICIENCY

Major structural components in the aerospace industry often require complex masking applications for finishing processes. This was the situation encountered by our customer who had a team of eight employees masking both large and small, detailed sections of structural parts in preparation for the shot peening process.

The process was frustrating for the employees performing the masking due to its tedious nature. Cutting the shapes for the masking area and applying the tape took enormous amounts of time. Additionally, the tape was trimmed with utility knives leaving the workers susceptible to cuts, and many had multiple bandaged fingers. All of these factors combined to where the process only allowed for a maximum of eight completed parts per day.

Budnick proposed a masking kit as a solution for a number of the issues encountered by the production line workers. The kit included a specialized die-cut for every piece necessary to mask each structural piece, all contained on one continuous sheet.

While the solution itself required a larger initial investment than hand cutting the tape, it sped up the to the point where the company was able to move five workers to other areas of the production line while still more than doubling the daily output of the masking process. Before each person could complete only one piece per day. They are now completing between 5 and 6 per person each day. It's probably safe to say they're buying fewer bandages now as well.

At Budnick, we strive to help you improve your processes and increase the efficiency of your production line in any way we can. Let us know about a problem you're encountering, and we'll help you design an ideal solution!

WHY BUDNICK?

WE'RE DOING 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 20 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, the needs of your job function, and your unique applications.

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.



Budnick makes industrial manufacturers more productive when using adhesive tapes, foams, films, papers, foils, and other flexible materials. We utilize over 60 years of experience and more than 50 technologically advanced converting machines to custom slit, die cut, print, spool, laser and waterjet cut these materials into cost-efficient and labor saving customer parts.

Services

Application Engineering
In-Line Laser Cutting
Rewind Slitting
Lathe Slitting
Rotary Die Cutting
Flatbed Die Cutting
Traverse Winding (spooling)
XYZ 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

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
Polyimide
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

Need Help with
an Application?

Give us a call!

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