



PRODUCT PROFILE:

ALLEGIS CONVERTER PRODUCT INFORMATION

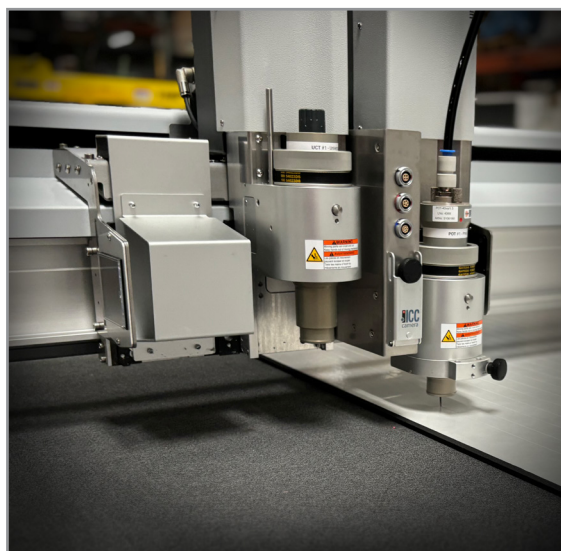
WHEN IT COMES TO QUALITY, SOME PEOPLE REFUSE TO COMPROMISE.
WE OFFER CONVERTING SERVICES FOR THOSE PEOPLE.



CONVERTER EXPERTISE

At Allegis, we take an innovative and adaptable approach to the new polymer technologies. The ability to quickly match polymer science with innovation makes us a valuable resource in meeting the demanding customization requirements. In addition, our converter product constructions are designed to help you optimize your production speeds.

Allegis offers a comprehensive selection of converted foam, tape and rubber products from premium manufacturers. Allegis produces gaskets & seals, and adhesive tapes made from a wide selection of different materials that are produced exact specifications. Our raw material suppliers specialize in high performance materials used in Transportation, Utility Trucks and Trailers, Heavy Equipment, HVAC, Networking and Telecommunications and other industrial applications.



Allegis specializes in small batch, quick turn around, and customized projects. Allegis brings industry experience and converting technology together to find the best solution for your application, and Allegis delivers on time to your specifications.

CAPABILITIES

Allegis offers comprehensive fabrication and conversion capabilities including complete skiving, die-cutting, slitting, and sheeting capabilities on all our materials.

Our comprehensive fabrication and conversion capabilities include:

- Close Tolerance Roll Slitting
- Precision Die-Cutting
- Roll to Roll Kiss-Cutting
- Adhesive Laminating
- Dieless digital cutting
- Prototyping
- Skiving
- Custom Assembly and Packaging
- Extreme Length Traverse Wound Spools
- Sheets and Strips
- Custom Tabs and Split Backs are available for easy liner removal
- Kitting

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CAPABILITIES

SKIVING & SPLITTING

Allegis has the ability to skiving full dimensional open cell foam and closed cell materials. We are able to cut to precision thickness and tight tolerances.

LAMINATING & ADHESIVES

Our wide range of adhesives come from industry leading manufacturers including acrylic and rubber based pressure sensitive adhesives. Custom tabs and split backs are available for easy liner removal and time saving application.



Our laminating capabilities offer our customers custom adhesive engineered solutions. Materials can be laminated together to provide sound, moisture, contamination, and thermal barriers.



DIE CUTTING

Precision, tight-tolerance die cutting is at the core of our capabilities. Allegis has a diverse assortment of presses and shears which are used to convert materials to our customers' requirements. High speed kiss-cutting, large volume runs, tabs and split back liners, and 2nd liner introduction for double coated products allow us to meet your unique fabrication needs.

PACKAGING

Allegis offers custom packaging options for our customers at all volume levels including bar coding.

SLITTING & SPOOL WINDING

The majority of the materials that we fabricate are offered slit to width. Allegis is able to process single rolls, common core multiple rolls, and traverse wound spools for longer continuous lengths. Allegis slitting process includes both single and double coated adhesives.

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MATERIALS CONVERTED

ADHESIVES - Allegis Specializes in Acrylic, Rubber, and Moisture Cure Adhesives

Acrylic Based Pressure Sensitive Adhesives

- Resistant to Chemical and Solvent Exposure
- Withstands Temperature Extremes
- Available With or Without a Film Carrier

Rubber Based Pressure Sensitive Adhesive / Solvent Activated Adhesives

- Very Aggressive Initial Bond
- Will Bond to a Wide Variety of Surfaces
- Very Economical
- Available With or Without Carrier
- Variety of Release Liners Available
- Becomes Part of the Assembly
- Dry Backing Eases Positioning

Moisture Cure Adhesives

- Multiple Substrates Laminated Together
- Remains Soft and Flexible
- Provides Permanent Bond
- Solvent, Heat, and Moisture Resistant

Adhesive Backings

Allegis offers a wide variety of adhesive backings that can be laminated to most of the materials we fabricate. Adhesive backings provide a level of convenience. Split-backed liners and tabs that aid in liner removal are available for ease of assembly.

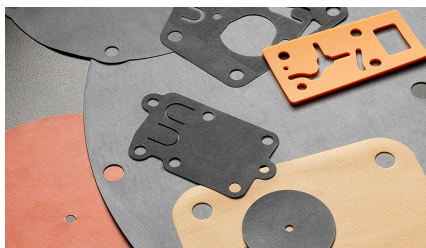
OPEN CELL FOAM - Allegis Converts Open Cell Foam for a Variety of Applications

Open Cell - Available with or without adhesive

- Polyurethane Ether and Ester
- Latex, Hybrids, Polyimide, PVA

Typical Applications

- Acoustical Panels
- Vibration & Sound Dampening
- Packaging, Padding and Bumpers
- Filters, Sponges, and Wicks
- Low Pressure Seals
- Weather-Stripping
- Heat Resistance and Thermoformable
- Chemical Resistance
- Compression Set Resistance



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MATERIALS CONVERTED

CLOSED CELL FOAM - Closed Cell Foam is Ideal for Gaskets and Insulation

Closed Cell - available with or without adhesive

- Neoprene and Neoprene Blends
- Nitrile (Buna-N)
- Epichlorohydrin (ECH)
- Urethane
- EPDM
- Vinyl Nitrile
- Polyethylene
- PVC Vinyl Foam
- Sponge Rubber

Typical Applications

- Gasket and Seals
- NEMA Rated Products
- Weather-Stripping and Seals
- Insulation
- Packaging, Padding, Bumpers
- Flotation
- Sound and Vibration Damping

ADDITIONAL FOAMS

Multiple Foam Formulations are Available to Meet any Specific Application.

Additional Foams - Available With or Without Adhesive

- Metallocene
- Omalon
- Low Perm Polyester
- Pyrell
- Microcellular Urethanes
- Reticulated
- Melomine
- Polyvinyl Alcohol

SILICONE SPONGE & RUBBER

Silicone Sponge and Rubber - Available With or Without Adhesive

- Temperature and Fire Resistance
- Environmental Resistance
- Fungus Resistance
- Vibration Damping
- High Resiliency

Typical Applications

- Seals and Gaskets
- Cushioning
- High Temperature Requirements
- NEMA Rated Products
- Thermal Shielding
- Vibration Mounts

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MATERIALS CONVERTED

SOLID RUBBER - Solid Elastomers are in Stock for Multiple Applications

Types of Solid Rubber Available

- Natural Rubber – Natural Polyisoprene – NR
- SBR / NBR Blends
- Neoprene – Chloroprene – CR
- EPDM – Ethylene Propylene Diene Methylene
- Butyl – Isobutylene Isoprene – IIR
- Polyurethane – Polyurethane
- Epichlorohydrin – ECO
- Polyvinylchloride – PVC
- Viton

ADDITIONAL MATERIALS - Allegis Offers Additional Materials to Respond to Customer Needs

Depending on the particular requirements of your application or need, there are many materials to choose from. Allegis also has the support and experience of our vendor base which can help determine the right material for the application.

- Composition Cork
- Cork / Rubber
- Felts – Natural and Synthetic
- Films
- Various Cellulose Fiber and Chipboard
- Cloth Inserted Rubber
- Diaphragm Sheet
- Various Matting Products
- High Temp Asbestos
- Replacement Materials
- Hook and Loop Products
- Coated Fabrics
- Dual Lock

ALLEGIS INDUSTRY EXPERTISE

For more than 50 years, our Allegis engineers have been serving manufacturers in more than a dozen industries where gaining access and protecting contents is critical. Based on our experience, we understand exactly what manufacturers face in designing a product for their customers. Allegis specializes in the following industries:

- Transportation
- Medical
- Electrical Enclosures
- Construction & Agriculture Equipment
- HVAC
- Telecommunications
- Emergency Vehicles
- Enclosures & Storage Equipment

CUSTOM-DESIGNED CONVERTER SYSTEMS

If any of these solutions don't meet your needs, Allegis has engineers with the expertise and capability to design, prototype, and manufacture the components that make your product better and take your company further. Our industry experts work closely with you to take the guesswork out of identifying the perfect solution among the hundreds of options available on the market.

CALL US AT 866.378.7550

VISIT ALLEGISCORP.COM

OR EMAIL US AT ACCESSBETTERTHINKING@ALLEGISCORP.COM

