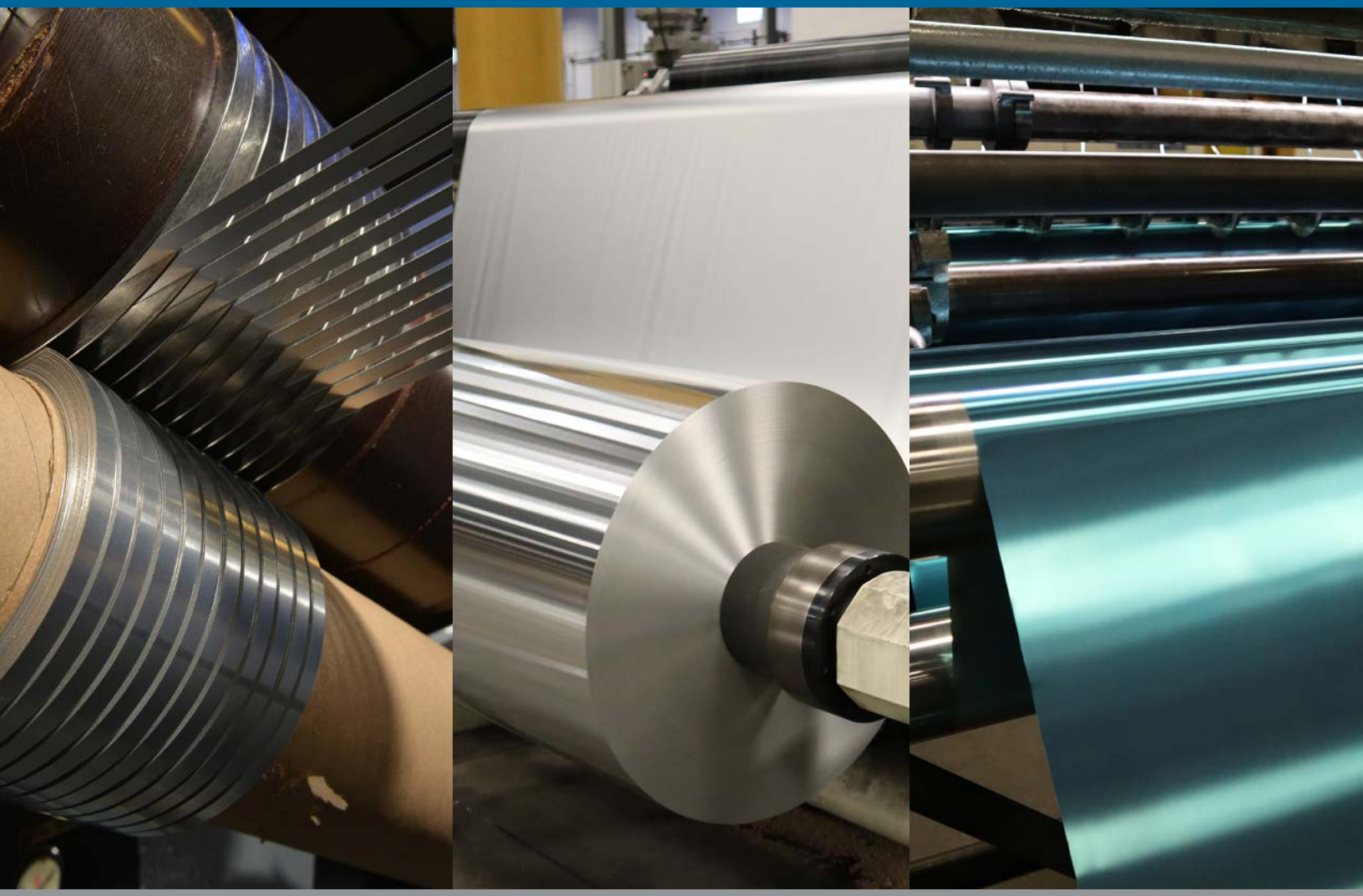
ALL FOILS®



Products, Services & More

All Materials. All Solutions. All You Need.

At All Foils, we specialize in providing foil and light-gauge metal solutions for various industries and end uses.

Custom jobs are our forte and our products and services are among the best in the world. Our state-of-the-art facility, veteran personnel and in-house laboratory are ready to develop an innovative solution for your application.

Building on almost 50 years of experience, our immeasurable wealth of knowledge, extensive inventory, specialized services, competitive pricing and impeccable quality are what separates All Foils from the competition.

From a simple rewind to a custom multilayer construction, no job is too big or too small for All Foils!

UNRIVALED SERVICE AND SUPPORT.

All Foils is committed to delivering products and services of the highest quality. In compliance with ISO 9001:2015 (without design) requirements, All Foils consistently meets the changing demands in the industry by working with our customers' individual needs and specifications.

Why Choose All Foils?

EXPERIENCED STAFF

Our team averages over 40 years of experience in the foil industry to provide appropriate solutions to specific customer needs.

IN-HOUSE LAB SERVICES

Our in-house lab consists of physical, color and visual testing capabilities to ensure product quality and consistency.

TOLL SERVICES

We offer a complete line of toll services to meet your specific needs, including sheeting, slitting, coating, printing and more.

JUST-IN-TIME DELIVERY

All Foils boasts an annual average of over 98% on time delivery, making us the best just-in-time foil converter in the world.

SUBSTRATES & ADHESIVES

Substrates include foil, film and paper that can be combined with pressure sensitive, heat activated and contact adhesives.

MATERIAL STOCKING PROGRAMS

We provide a variety of finished good stocking programs for customers, each tailored to meet specific delivery needs.

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All Foils
16100 Imperial Parkway
Strongsville, OH 44149

PRODUCTS

At All Foils, you can find a large selection of different foils and light-gauge metals. From common materials like aluminum, copper and stainless steel to uncommon materials like Inconel, metalized polyester and other specialty metals, All Foils has a wide variety of metals in-stock and ready for immediate processing.

Our extensive inventory of over 2 million pounds of foil products covers a range of alloys, tempers and gauges. Searching for something more unique? Utilizing our vast network of domestic and international mills, All Foils can locate the material you need, process it and ship it directly to your doorstep!

Whatever metal you're searching for, All Foils can provide it in the exact form and with the specifications you require! This includes coils for large quantities and massive projects, rolls for easier handling and consumption and sheets in any size from 3" x 3" to 48" x 102". Review our readily available products and metals on the next few pages.

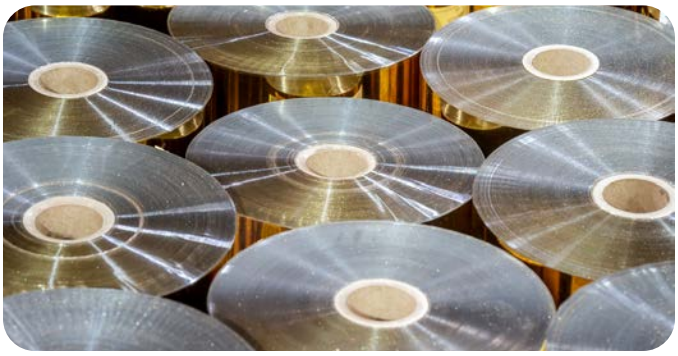
ALUMINUM

Approximately 1/3 the density of copper or steel, aluminum provides incomparable ductility and malleability. With extreme pliability and stability against normal atmospheric corrosion, aluminum is truly a superior material.

All Foils stocks a wide variety of aluminum alloys, tempers and gauges in roll, coil and sheet form. In selecting the proper aluminum foil product for a given application, consideration must be given to a variety of properties. Before purchasing aluminum, it's important to understand the strains it will be under during use. Properties to pay attention to include tensile strength, formability, wettability, weldability and corrosion resistance.

FOIL, COIL & SHEET

Alloy:	1000, 3000, 5000, 6000 & 8000 Series Brazing alloys including #8 & #12 (others available upon request)
Gauge:	.0002" to .040"
Temper:	Annealed through full hard
Core Size:	1.3125" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic



FOIL, COIL & SHEET

Alloy:	220, 260 & 330 (others available upon request)
Gauge:	.003" to .010"
Temper:	Annealed through full hard & as-rolled
Core Size:	3" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic

BRASS

Brass foil is known for its variety of colors, ranging from a reddish brown to a silvery yellow. This variability and specific metallic properties make it popular in unique applications, like arts and crafts, musical instruments and architecture being among the less standard.

All Foils is a leading supplier of alloy 260 brass foil coils, rolls and light-gauge foil sheeting. Moderate electrical conductivity, moderate strength and excellent machining capabilities are desired traits of 260 brass. Brass is available in a variety of widths up to 24.50", gauges ranging from .003" to .010" and with tempers from annealed through full hard and as-rolled. Other alloys are available upon request — contact an All Foils representative today for more information.

CARBON STEEL

Carbon steel is a versatile metal alloy made from carbon and iron. Depending on the type it can be very conductive and pliable, and it works great across several industrial and commercial industries. All Foils stocks alloys 1008 and 1010 carbon steel foil and light-gauge foil sheeting.

Both alloy 1008 and 1010 are made with extruded manganese, which makes them even more workable than other carbon steel alloys. This makes these alloys perfect for versatile applications. Whatever your industry needs, we can create carbon steel foil coils, sheets and rolls that will work for you and your application. Contact an All Foils team member today for more information about our carbon steel products.

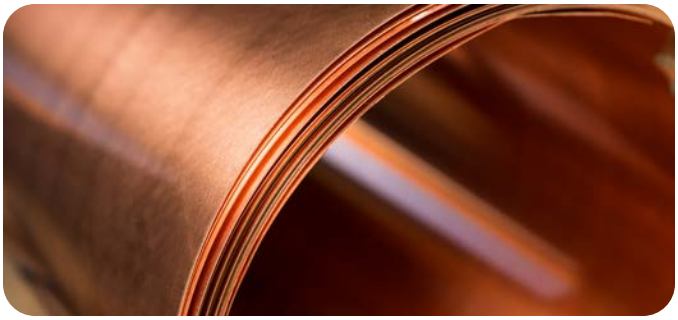
FOIL, COIL & SHEET

Alloy:	1008 & 1010 (others available upon request)
Gauge:	.002" to .020"
Temper:	Annealed & full hard
Core Size:	3" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic

COPPER

Copper is a versatile metal used in applications across a wide range of industries. Major characteristics include being a malleable and ductile metal with a very high thermal and electrical conductivity, making it the top choice among electronic manufacturers.

All Foils stocks light-gauge copper in a variety of alloys, tempers and gauges. Our extensive inventory consists of oxygen-free, as well as Electrolytic Tough Pitch (ETP) and Electrodeposited (EDP) copper. We also have copper foil sheeting and other copper foil sheet products that are hot tin dipped to enhance solderability. Searching for a different copper alloy? Contact All Foils today and we can search our network of global partners to locate the alloy you need.



FOIL, COIL & SHEET

Alloy:	101, 102 & 110 (others available upon request)
Gauge:	.0005" to .062"
Temper:	Annealed through full hard & as-rolled
Core Size:	1.3125" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic

FOIL, COIL & SHEET

Alloy:	600 & 625 (others available upon request)
Gauge:	.002" to .014"
Temper:	Annealed
Core Size:	3" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic

INCONEL

Inconel is a type of superalloy that combines several metals and draws a number of benefits from each represented component. Inconel alloys are known to be strong and resistant to many factors, such as corrosion, oxidation, cracking, carburization and more.

All Foils is a leading converter and distributor of Inconel alloy 600 and 625 light-gauge metal. Inconel alloys 600 and 625 are specialty alloys that are made to be particularly strong in marine applications, though its strength is beneficial in other heavy-duty scenarios. Available in gauges from .002" to .014" in coils, rolls and sheets, our Inconel products can be custom engineered to meet the requirements of any application.

METALIZED POLYESTER

Also known as Mylar®, Melinex® and Hostaphan®, metalized polyester (PET) is a popular material valued for its electrical insulation, structural integrity, high tensile strength and moisture barrier properties.

All Foils supplies a wide variety of metalized polyester products, all of which can be converted via our state-of-the-art equipment to meet your specific needs. We stock metalized polyester in 48-gauge with other gauges and thicknesses available upon request. Metalized polyester can be provided in widths up to 48" and in any length that meets your needs. All Foils can also provide metalized polyester bare or with an adhesive coating and in several forms, including coil, roll or sheet. Contact us for more information today.

FOIL, COIL & SHEET

Gauge:	48
Core Size:	3" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic

NICKEL

Nickel is a highly versatile element with significant benefits. When alloyed with other elements, nickel provides low expansion and high-strength, as well as corrosion, electrical and heat resistance. All Foils is a worldwide supplier of alloy 200, 201 and other alloys.

Nickel 200 and 201 are available in gauges .0005" through .010" with an annealed or full hard temper. Nickel can be provided in coils, rolls or sheets for popular applications, including batteries, cell phones, solar energy and more. Nickel is also available in widths up to 25" and with adhesive coatings ranging from .001" to .005" thick. Our nickel comes on your choice of a fiber, steel, aluminum or plastic core. Other gauges, alloys and tempers are available upon request.

FOIL, COIL & SHEET

Alloy:	200 & 201 (others available upon request)
Gauge:	.0005" to .010"
Temper:	Annealed & full hard
Core Size:	3" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic

FOIL, COIL & SHEET

Alloy:	302, 304, 309, 316, 316L, 321, 347, 410 , 430 & 17-7 PH (others available upon request)
Gauge:	.0005" to .020"
Temper:	Annealed, half hard & full hard
Core Size:	3" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic

STAINLESS STEEL

Stainless steel is popular because it does not easily stain, corrode or rust when it comes into contact with water. This sets it apart from ordinary steel while still retaining the strength of the material. This makes stainless steel foil a popular choice for both industrial and commercial applications.

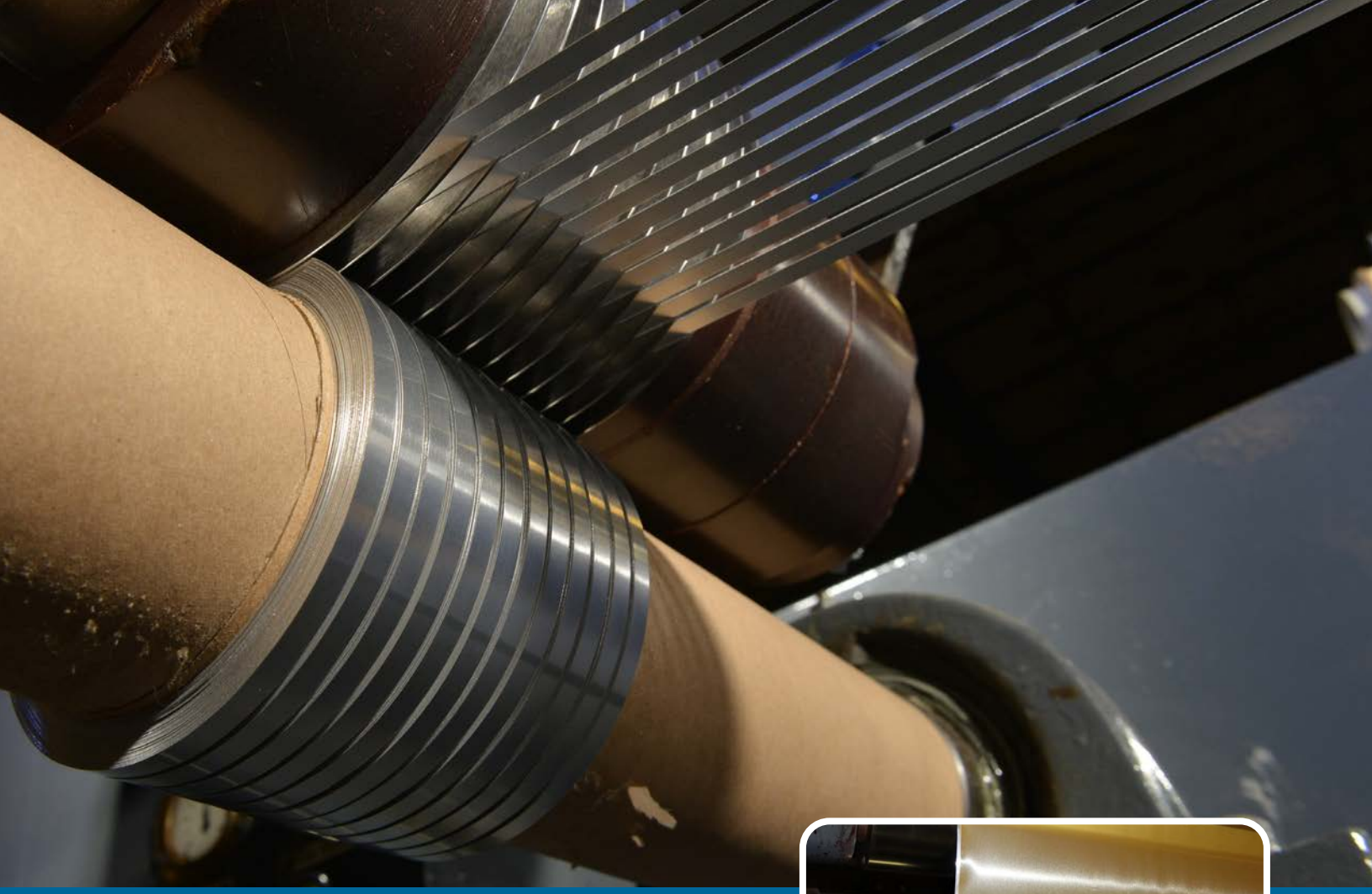
All Foils supplies stainless steel foil in a variety of forms and gauges which are professionally packaged and certified to your specific requirements. Stainless steel's resistance to corrosion and staining, low maintenance and beautiful luster make it an ideal material for many applications. In addition to our stainless steel products, we also offer a long list of stainless steel processing and converting services.

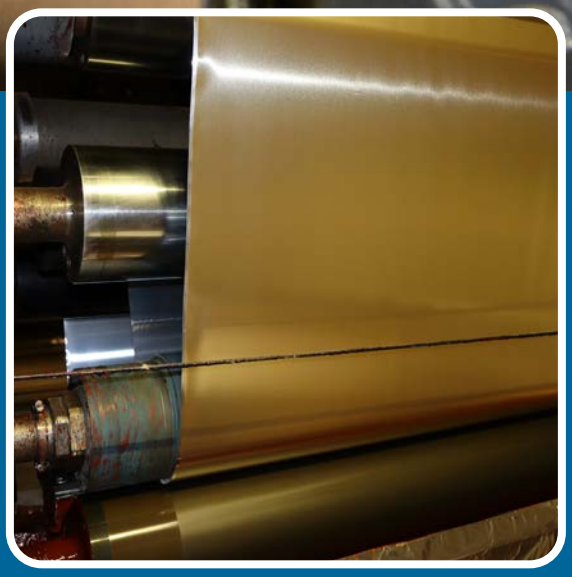
OTHER METALS

Searching for a hard-to-find light-gauge metal? In addition to standard metals, like aluminum and stainless steel, All Foils is known for stocking uncommon foil products and metals. These difficult to locate foils are available in a wide range of quantities and forms, like rolls, sheets and more. Many of these specialty metal products are in stock and are ready to be converted, processed and shipped with our industry-best lead time.

If you're searching for a metal that we currently do not have in stock, no worries! Thanks to our expansive global network of partners, we can quickly locate hard-to-find metals and ship them to you or process and convert them to meet your needs.

Searching for a hard-to-find metal? We can help! Contact us today.





SERVICES

We're not your everyday foil manufacturer. We include the word "all" in our name to remind you that we really do it all. From working with a broad range of materials to our specialized finishing processes, we are the leader in foil converting!

All Foils has a wide range of equipment, many of which have overlapping capabilities. This means your order is never dependent on any one particular machine or any one operator. Additionally, our production personnel are cross-trained on all equipment. This allows our sales staff to offer the best and most accurate lead times and guarantee delivery when you need it most. All Foils' continuous investment in state-of-the-art equipment, combined with our veteran personnel, is just one more reason why you can turn to us for all your light-gauge metal needs.

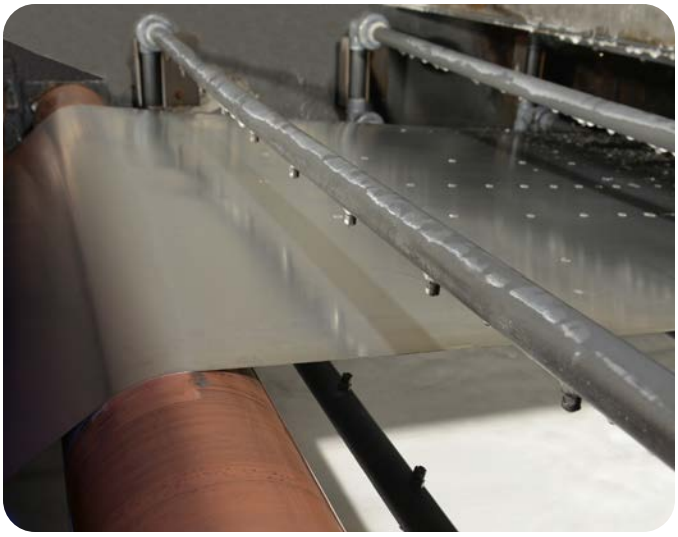
Whatever it is you're looking for from a foil manufacturer, you can find it here at All Foils. Explore our various processing and converting services on the next few pages.

CLEANING

Hard to remove residue does not have to impact your production, slow your workflow or impair your product's integrity. At All Foils, we offer foil cleaning services to rid the surfaces of your metals from oil, grease and other contaminants.

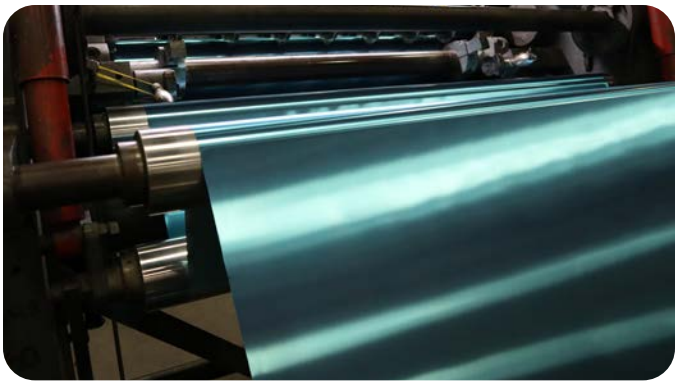
Due to sensitivity and static charging, foil cannot be cleaned with rotary or linear moving brushes. The smallest contact generates load of static charge and causes problems during processing as the material will attract everything it can from its environment. As a result, All Foils utilizes a specialized wash and dry system to rid foil of harmful contaminants while retaining the integrity of the material.

For light-gauge metals, we have the capability to remove a wide range of residues efficiently, effectively and safely. This allows the material to be further printed, laminated or coated without any difficulties. When your foil metals require the removal of oil, grease and other residues, All Foils is here to help. Contact us to learn more about our foil cleaning capabilities today.



SPECIFICATIONS

Toll Cleaning:	Yes
Material:	Aluminum
Gauge:	.005" to .020"
Alloy:	1000, 3000, 5000 & 8000 Series (others available upon request)
Width:	Up to 48"
Core Size:	6" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic
Coil Weight:	Up to 10,000 lbs.



SPECIFICATIONS

Type:	Gravure
Logo:	Random/Step & repeat
Toll Coating:	Yes
Gauge:	.0005" to .010"
Alloy:	1000, 3000, 5000 & 8000 Series (others available upon request)
Temper:	Full range of tempers from annealed/soft through full hard
Width:	Up to 54"
Substrate:	Aluminum & copper (others available upon request)
Coating:	FDA release, heat seal, epoxies, print primers & corrosion resistant (others available upon request)

COATING

All Foils unique processing capabilities include custom foil coating services. We are capable of coating foil in a variety of customized colors and tints including clear and three types: epoxy, urethane and polyester. Custom coated foil can be produced in thicknesses ranging from .0005" to .010" with coating thicknesses applied up to .002".

We offer a wide variety of coatings for your specific needs, including epoxies, urethanes, polyesters and more. We also offer a complete line of exclusive corrosion-resistant coatings engineered to withstand the most extreme HVAC environments. Choose from one of our pre-engineered coatings or work with our engineers to develop a custom coating to meet your specific needs.

If you're unsure about what coating is best for your application, we're happy to help! Contact us with your current requirements and our team will help you find the best coating solution for your application.

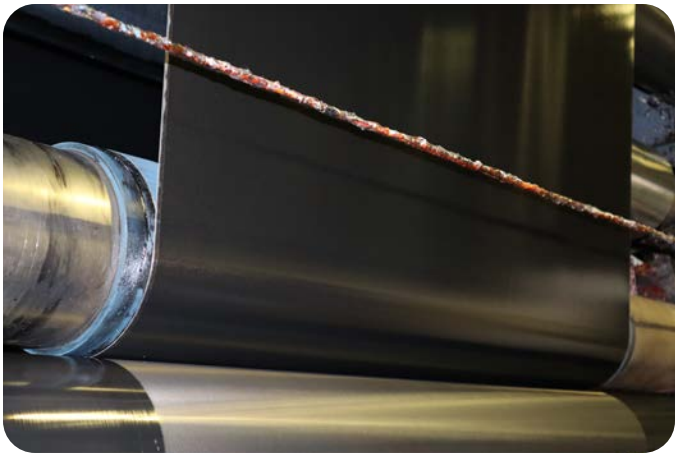
Find our coatings on pages 14-17!

COLOR PRINTING

Custom printed foils are a great way to enhance your brand and product image with customers while maintaining the integrity of your goods! All Foils specializes in creating and developing custom flood coat color printed foil solutions for a wide variety of applications. Whether it's a formulated color or custom hue, our foil color printing services are a great way to differentiate your product or brand.

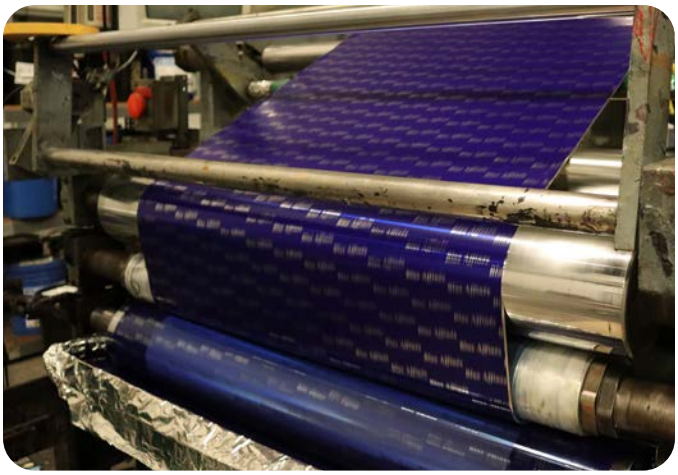
All Foils continues to be the industry's leading foil color printing service provider. Our unique capabilities include converting light gauge unsupported foils along with high temperature curing for inks and coatings requiring exposure to extreme environmental conditions.

With over 100 preformulated colors, our foil printing services are one of the many popular processing applications we deliver. Need a custom color created to match your brand's color profile? Our in-house lab technicians will work with you to create matching hues and prints for your products. Printed foils are available in coils, rolls or sheets. Request an All Foils Color Brochure to learn about our preformulated colors.



SPECIFICATIONS

Type:	Flexographic/Gravure
Color:	Over 100 colors and hues to choose from (custom color matching also available)
Logo:	Random/Step and Repeat
Gauge:	.0005" to .010"
Alloy:	1000, 3000, 5000 & 8000 Series (others available upon request)
Temper:	Full range of tempers from annealed/soft through full hard
Width:	Up to 54"
Substrate:	Aluminum (others available upon request)



SPECIFICATIONS

Type:	Flexographic/Gravure
Color:	Over 100 colors and hues to choose from (custom color matching also available)
Logo:	Random/Step & repeat
Gauge:	.0005" to .010"
Alloy:	1000, 3000, 5000 & 8000 Series (others available upon request)
Temper:	Full range of tempers from annealed/soft through full hard
Width:	Up to 54"
Substrate:	Aluminum (others available upon request)

GRAPHIC PRINTING

Branding is key in today's business world. Your brand is what sets you apart from competition and lets people know exactly what they're getting just by looking at your packaging. All Foils graphic printing services offer an opportunity to showcase your name, brand, design, pattern or logo on your light-gauge foil product.

All Foils can help you create that first impression and build brand awareness in the market. We can print your logo on bare metal or over a flood coat of color to enhance your look. Choose from over 100 preformulated colors or have our in-house lab technicians formulate a custom color just for you. We'll find the color combination that works perfectly and brings your brand the visibility you want.

Inks and coatings are cured in our high temperature oven to ensure your logo or design withstands exposure to extreme environmental conditions. Graphic printing is provided on aluminum foil, can be slit or sheeted to your exact specifications and delivered to your door in the form of your choice, including coils, rolls or sheets. Contact our foil printing specialists today to learn more about our foil graphic printing capabilities.

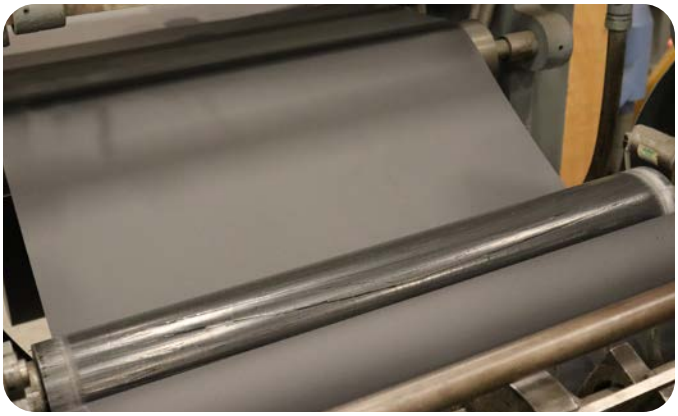
Speak with a foil specialist now – call 1.800.521.0054

LAMINATING

Searching for custom-laminated foil? All Foils has the technology and know-how to create innovative lamination solutions for you and your light-gauge foil-related products! We specialize in precise coating and laminating required for flexible packaging and other commercial lamination needs. With our pilot coater and state-of-the-art coater, we can quickly and efficiently print, coat and laminate multilayer constructions.

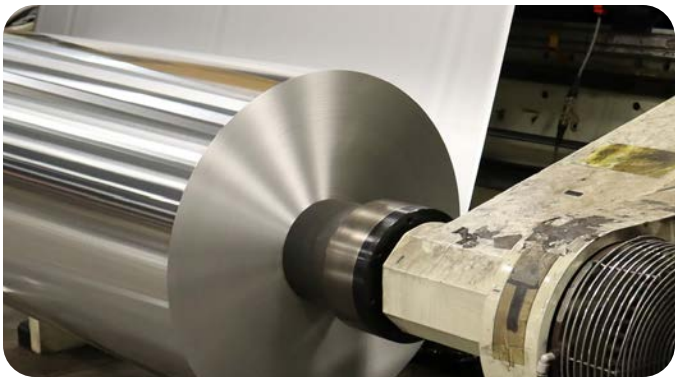
While aluminum foil lamination is a popular application for our customers, a variety of other thin-gauge metals can also be coated, including copper, stainless steel and more. We can apply a thin layer of polyester, polypropylene or polyethylene to achieve lamination benefits on your choice of light-gauge metal. Available laminates include Litho paper, Kraft paper, liner paper, linerboard and tissue. Contact our team of product engineers and lab technicians to develop a custom solution for your specific laminated foil project today.

Find our laminating substrates on page 17!



SPECIFICATIONS

Type:	Gravure
Logo:	Random/Step & repeat
Toll Laminating:	Yes
Gauge:	.0005" to .010"
Alloy:	1000, 3000, 5000 & 8000 Series (others available upon request)
Temper:	Full range of tempers from annealed/soft through full hard
Width:	Up to 54"
Substrate:	Aluminum (others available upon request)
Laminate:	Polyester, polyethylene & 5# to 60# paper (others available upon request)
Adhesive:	Acrylic & rubber



SPECIFICATIONS

Material:	Non-ferrous & ferrous metals, paper, films, cloths & paperbacked foils including pressure sensitive materials
Gauge:	.0002" to .062"
Width:	.093" to 72"
Tolerance:	+/- .003" for intermediate to heavy gauges +/- .0625" for .0015" and lighter gauges
Core Size:	1.3125" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic
Coil Weight:	Up to 10,000 lbs.

All Foils specializes in core swaps & rerolls!

REWINDING

Searching for a fast and reliable source to rewind light-gauge metal? All Foils is here to help! Our state-of-the-art equipment and highly skilled operators ensure your material rerolls are performed with precision, speed and accuracy. At All Foils, we have a plethora of machines and equipment capable of performing rewinding services.

Do you have a coil that needs to be divided? Do you have a coil that weighs too much? Do you have a coil that is too big in diameter? All Foils has you covered! We specialize in transferring and dividing material based on customer needs. Our team can quickly and precisely reroll your material to your specifications and requirements.

Searching for a reliable core swap service provider? Search no further! All Foils has been swapping cores since 1980. Our veteran personnel and advanced equipment can quickly and effectively transfer your material to a new core. We can supply your material rewind on the core material of your choice, including fiber, steel, aluminum or plastic. Cores are available with inner diameter sizes ranging from 1.3125" to 20".

SHEETING

All Foils knows that your sheeting application needs specialized processing and finishing. A leading supplier of foil and light-gauge metal sheeting products and services, All Foils sheeting solutions can be customized to meet your exact application requirements.

We offer two types of sheeting processes: sheer and rotary. Each sheeting service is engineered to deliver a clean cut while protecting the integrity of the material. The sheeting process chosen for your application will depend on material, specifications and requirements.

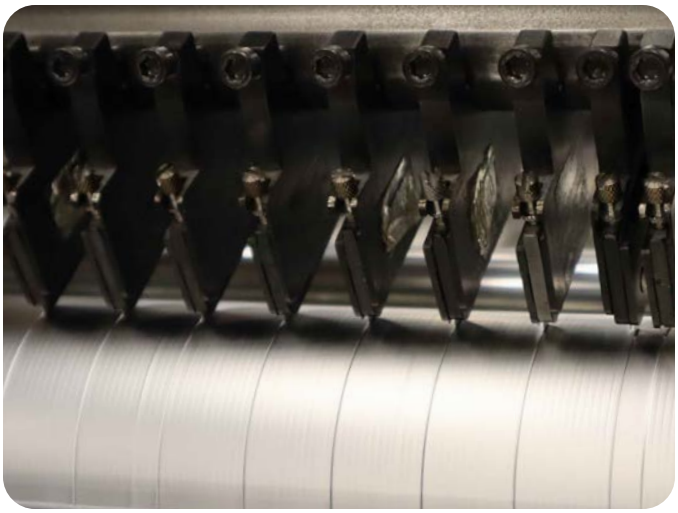
All Foils can also interleave tissue between sheets of foil for easy separation and fast, convenient use. Interleaving tissue between foil sheets separates each sheet from one another, offering an extra layer of protection during shipping, storage and usage.

Custom foil sheets and sheeting services are offered for just about any metal, including aluminum, copper, stainless steel and more. Sheeting is available for gauges ranging from .00035" to .020" and in tempers from annealed through full-hard and as-rolled. Contact a team member for more information today!

SPECIFICATIONS

Gauge:	.00035" to .006" tissue interleaved .002" to .020" without tissue interleaved
Size:	3" x 3" to 48" x 96"
Tolerance:	+/- .125" for length (tighter upon request)

We have over 40 years of foil slitting & sheeting experience!



SPECIFICATIONS

Material:	Non-ferrous & ferrous metals, paper, films, cloths & paperbacked foils including pressure sensitive materials
Gauge:	.0002" to .062"
Width:	.093" to 72"
Tolerance:	+/- .003" for intermediate to heavy gauges +/- .0625" for .0015" and lighter gauges
Core Size:	1.3125" to 20" (I.D.)
Core Type:	Fiber, steel, aluminum & plastic
Coil Weight:	Up to 10,000 lbs.

SLITTING

All Foils specializes in providing a wide variety of different slitting services for foil and other light-gauge metals. As a full-service slitting provider, we offer three different types of slitting processes: razor, rotary and solid knife. Each type of slitting is engineered to eliminate distortion, improve edge consistency and protect the integrity of the material. By offering different styles of slitting, we can customize our processing techniques to meet your tight tolerances and requirements.

Searching for a processor capable of providing ultra-thin slit material? All Foils is one of the only domestic light-gauge metal processors capable of slitting to widths as narrow as .093"! Thanks to our state-of-the-art equipment and highly skilled operators, we can provide width slitting capabilities ranging from .093" all the way up to 72"!

Custom slitting services are available for a wide range of metals. We can also slit other materials, such as cloths, films, metalized papers and more. To learn more about the assortment and scope of materials All Foils can slit and cut, contact our team today.

Speak with a foil specialist now – call 1.800.521.0054

TOLL SERVICES

What are toll services? Toll processing services are when a manufacturer performs a service on a customer supplied product for a fee. This can be as simple as completing a single step of the manufacturing process to as complex as delivering a finished good. In the case of All Foils, we can perform a variety of toll processing and converting services to meet your specific needs.

Send us your foil, light-gauge metal, ink, coating or whatever materials your application requires and we'll do the rest! Our state-of-the-art production equipment and veteran personnel will process and convert your materials to your exact specifications, helping improve quality, reduce lead times, cut costs and much more.

From a simple rewind to a multilayer construction, All Foils specializes in custom toll processing and converting services to get the job done right! Contact us today to learn more about pricing and availability.

AVAILABLE TOLL SERVICES

- Cleaning
- Coating
- Color Printing
- Graphic Printing
- Laminating
- Rewinding
- Sheeting
- Slitting

WE GO FURTHER THAN FOIL

ADDED VALUE. ONLY AVAILABLE FROM ALL FOILS.

- Full service metal center
- Average 98% on-time delivery
- Best lead times in industry
- Competitive pricing
- In-house laboratory
- Low minimum order quantities
- ISO 9001:2015 certified
- Custom packaging available
- Just-in-time manufacturing
- Warehouse stocking programs
- HACCP/Kosher compliant
- Access to mills worldwide

COATINGS & SUBSTRATES

At All Foils, we specialize in delivering coating and laminating foil solutions. With our state-of-the-art coater and over 40 years of industry experience, our team is readily available to develop a custom coated or laminated solution specifically for your application.

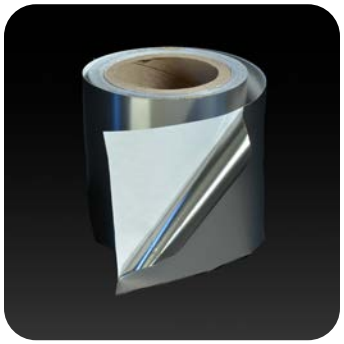
Coating and laminating services are available for a large selection of foil substrates, including aluminum, carbon steel, copper, stainless steel and more! We can coat foil gauges ranging from .0005" to .010" with coating thicknesses applied up to .002". Available coatings include epoxies, urethanes and polyesters, as well as conductive and non-conductive adhesives and specialty HVAC films and lacquers.

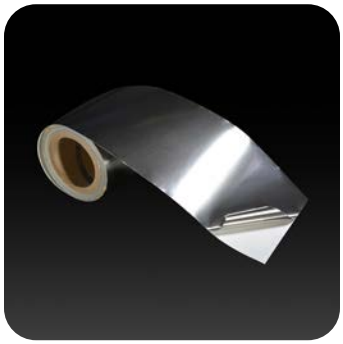
We can also laminate foil in gauges ranging from .0005" to .015" with substrate thicknesses ranging from .003" to .010". Available substrates include film, foil and paper.

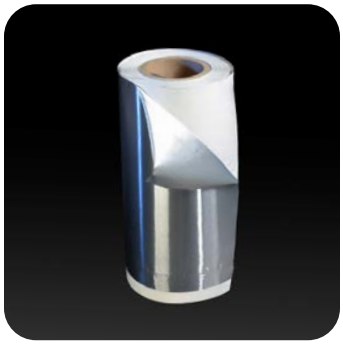
Take a look at our coating and laminating offerings on the next few pages for more info!

ADHESIVES

At All Foils, our unbeatable experience ensures our customers have the right adhesive in the right gauge, to match even the most exacting specifications. With an extensive inventory of different acrylic-, rubber- and silicone-based adhesive coatings, our complete line of pressure sensitive adhesives can meet the exact needs of a wide array of industries and applications. If you're unsure about which adhesive is best for you, contact us today!







ACRYLIC

Acrylic-based adhesives are designed to last a lifetime. They provide a tight bond that remains strong throughout its lifespan and are solvent-resistant. Acrylic-based adhesives are great for general purpose, food packaging and high-performance applications.

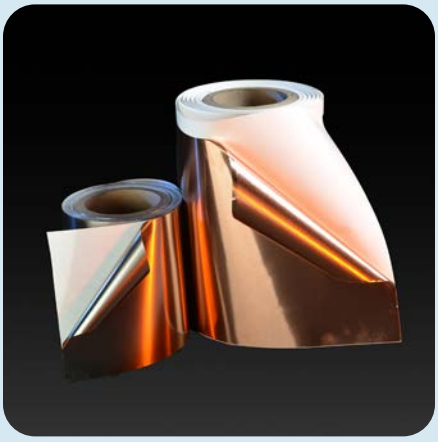
RUBBER

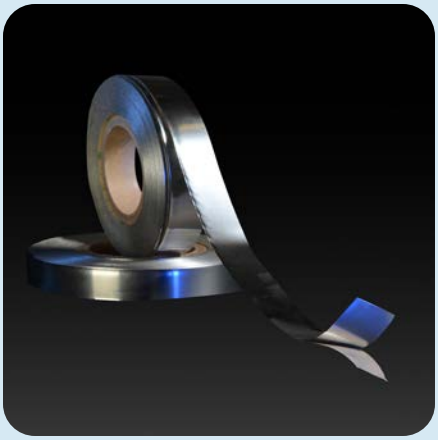
Rubber-based adhesives are ideal for applications requiring excellent initial tack and bonding strength, high peal strength and water and moisture resistance. Rubber-based adhesives are also a great option due to their flexibility and ability to conform to irregular surfaces.

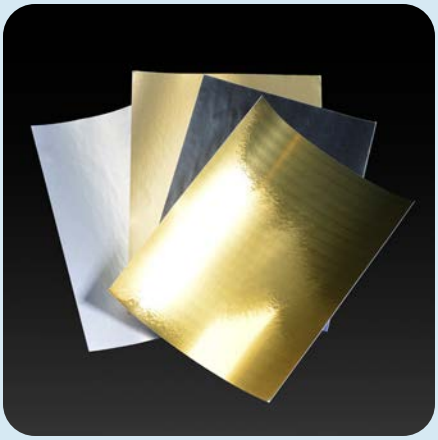
SILICONE

Silicone-based adhesives provide high-performance adherence and versatility. These strong, long lasting adhesives have excellent chemical stability and resistance to water and moisture, and are a top choice due to their flexibility and ability to bond to dissimilar substrates.

FOIL TAPE ROLLS & SHEETS





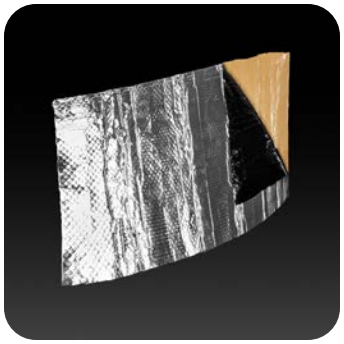


ADHESIVE-COATED FOIL IN STOCK & READY TO SHIP!

All Foils stocks a wide variety of adhesive-coated foil in rolls and sheets. Materials, adhesives and gauges vary. Contact an All Foils team member to learn more about our in stock and ready to ship pressure sensitive tapes today!

EPOXIES, URETHANES & MORE

All Foils offers a wide variety of coatings for your specific needs, including epoxies, urethanes, polyesters and more. Working with our in-house laboratory, our team ensures a consistent and quality product from beginning to end. If you're unsure about what type of coating is best for your application, talk to a foil specialist today! We're happy to help find the best coating solution for your application.

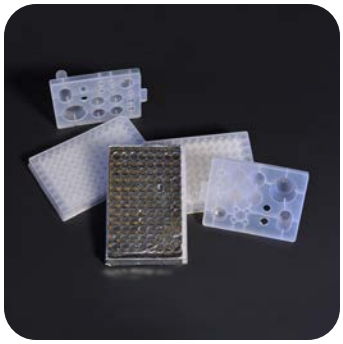


ADHESION PROMOTERS

Providing a binding layer between applied coatings and substrates, adhesion promoters create a websurface that is suitable for anchorage to a substrate and include polyvinyl chloride, urethane and surlyn.

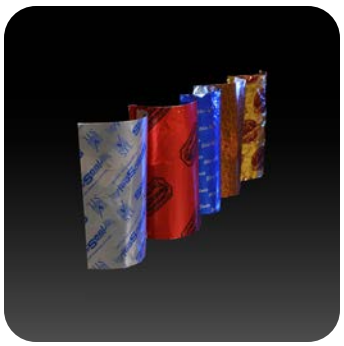
DURABLE COATINGS

Durable coatings that are available as a clear coating or in a variety of custom colors and tints. Choose a graphic/design or a single color flood coating. Durable coatings are available in epoxy, urethane, polyester and acrylic.



HEAT SEALS

We offer solvent- and aqueous-based heat seal coatings for a variety of applications. Heat seal coatings have common activation temperatures between 275°F and 350°F with thicknesses ranging from .0003" to .010".



PRINT PRIMERS

Print primer products improve the surface adhesion of inks and coatings, increasing durability and adding additional protection. All Foils carries print primers for use with UV, solvent, digital printing and water borne inks and coatings.

RELEASE COATINGS

Texturization and mold release coatings are used in food-related applications, including food service products and non-stick food applications. Several coatings are Kosher-certified and follow FDA regulations for direct food contact.

SLIP LUBES

Slip lubricants help decrease the coefficient of friction on a substrate to assist with the capsule forming of light-gauge foils. Slip lubes help reduce surface energy and prevent wear when die-cutting or forming foil around an object.

Searching for a unique coating solution? We can help! Contact our team to learn more today.

HVAC FILMS & LACQUERS

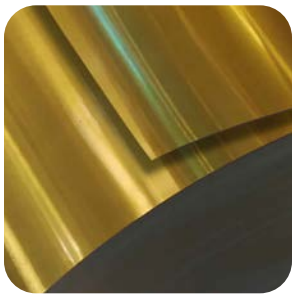
All Foils leads the industry in converting and coating thin-gauge aluminum specifically for heating, venting and air conditioning applications. We offer a complete line of corrosion-resistant coatings engineered to withstand the most extreme HVAC environments.

HydroBLUE

We supply coated aluminum with high-performance hydrophilic lacquer for use in heat exchangers and other HVAC applications. Our exclusive HydroBLUE hydrophilic coating protects aluminum fin stock against moisture in HVAC processing environments.

HygroWHITE

We supply coated aluminum with a hygroscopic lacquer ideal for use in energy recovery rotors. Our exclusive HygroWHITE desiccant coating improves performance in terms of selective vapor absorption/desorption with a molecular sieve/silica gel effect.



UltraGOLD

All Foils supplies coated aluminum with a hydrophilic film ideal for use in HVAC applications. Our exclusive UltraGOLD polyester coating provides aluminum fin stock with advanced, self-healing protection against harsh climates and humidity.

LAMINATING SUBSTRATES

All Foils has the technology and know-how to create custom lamination solution for your specific application. With our pilot coater and state-of-the-art laminator, we can print, coat and laminate endless combinations of foil, paper and film laminations. Contact us today to find the right lamination combination for your application.

FILM

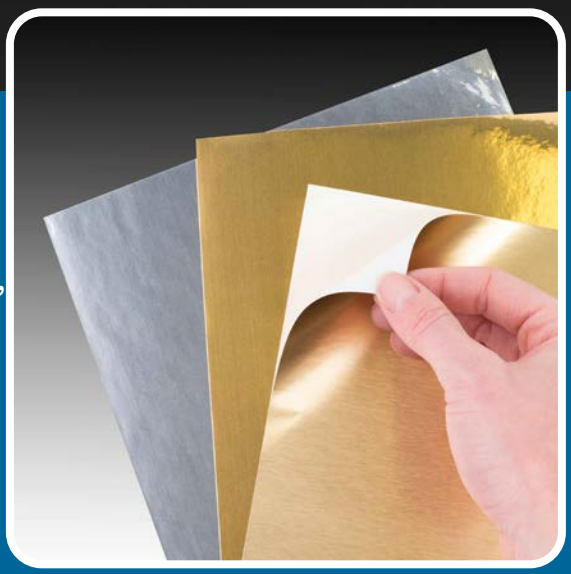
Film lamination is popular due to its waterproof and tear proof protective qualities which allows it to keep goods odorless, dry and humidity resistant. We provide laminated film in gauges ranging from .0005" to .010" and in widths up to 55.250". Adhesive options include acrylic, rubber and emulsion.

FOIL

Adhesive foil laminating is used on a variety of substrates such as polyester, polypropylene and polyethylene to boost product integrity. Plus, it provides vapor barrier characteristics. Laminated foil options include polyester, Litho paper, polyethylene, Kraft paper, liner paper, linerboard and tissue.

PAPER

We carry an extensive inventory of laminated paper products, substrates, laminates and more. Available paper substrates include polyester, polyethylene, Litho paper, Kraft paper, tissue and linerboard/tag that can be applied to your choice of aluminum, copper and more.



APPLICATIONS

All Foils is an experienced foil converter and distributor, supplying foil and other light-gauge metals for the manufacturing of hundreds of different applications. Stretching across a wide range of industries, the applications featured here highlight a few of our core capabilities. While the applications we serve may vary, our dedication to meeting each customer's needs and specifications does not.

Whether it's bare stainless steel, coated copper or laminated aluminum, we can provide it all! We customize our specialized services to meet each application's requirements. In addition to our world-class products and services, we also provide just-in-time delivery, in-house lab services, material stocking programs and unmatched industry experience.

A selection of the applications that we currently service and supply light-gauge metal for are featured on the next few pages. To learn more about the applications featured, as well as the ones that are not, contact an All Foils representative today!

BATTERIES

Supported by a global network of foil manufacturing partners, All Foils is a leading supplier of battery-grade foils for lithium-ion (Li-Ion), nickel cadmium (Ni-Cad) and nickel metal hydride (Ni-MH) battery cell manufacturers. Our state-of-the-art converting processes and innovative solutions allow us to deliver uniformly thick, high-strength aluminum, copper and nickel foil to battery manufacturers and suppliers worldwide

BLACKBOARDS & WHITEBOARDS

All Foils offers a variety of aluminum and metalized polyester products specifically for use as vapor barriers in the manufacturing of chalkboards and dry-erase boards, including .010" gauge in 48" widths for chalkboards.

BLISTER PACKAGING

Our capabilities include applying laminates with thicknesses ranging from .0003" to 0.10" and thicker, laminating three substrates in one pass and applying coat-solvent or water-based coatings on two sides in one pass. Provided coatings include urethane and epoxy-based adhesion promoters, heat seals and release coatings.

CANDY WRAP

We deliver high-quality candy foil wrappers, each offering the color and finish you need to win the battle for your customer's attention. We offer both supported and unsupported foil for confectioners. Our slitting capabilities allow us to customize each order to meet your needs.

CAPACITORS

Rolled in alloy 1235 with 99.35% minimum aluminum content, we stock the capacitor foil you need in gauges ranging from .00019" to .00040" with widths as narrow as .25". All capacitor foils are supplied as "A" wettable (or fully annealed) and are considered dry.

CHEESE WRAP

All Foils premium cheese wrap allows gas and moisture to escape while slowing the further growth of mold and extending the shelf life of blue vein cheeses. Our cheese wrap has a minimum shelf life of 180 days and features FDA-approved inks and coatings for indirect food contact.

CINEFOIL

A secret of the film and photography industry, matte black cinefoil is printed on both sides to effectively soak up light and heat. It's lightweight, can be easily molded to form any configuration and is perfect for masking light leaks, eliminating reflections and absorbing any unwanted light.

CONTAINERS & LIDS

Our food service packaging foils are a great solution for covering or forming containers. We also supply bare, coated and laminated foil for container stock, as well as peel and push-through lids. Container and lidding foils can also be custom-printed to match your brand's identity!

ELECTRIC VEHICLES

We stock the foil gauges, alloys and tempers the leading EV suppliers demand, including high-conductivity aluminum, copper and nickel alloys and gauges. Our state-of-the-art equipment and innovative solutions ensure materials are accurately processed to deliver the real-world results you require.

FLEXIBLE PACKAGING

All Foils offers laminated multilayer solutions for use in flexible packaging manufacturing. We can laminate your choice of multiple paper and film substrates, low odor adhesives, cross-linked adhesives and can even customize and color match your company's brand, name or logo.

FOOD WRAP

Popular among delis and sandwich shops around the country, our food wrap offers the toughest construction against hot sauce, oil, mayo and salad dressings. We can laminate a variety of foil, film and paper substrates together to create the ideal food wrap for your application. It can also be customized with colors or graphics!

HAM WRAP

All Foils exclusive ham wrap is a heavy-duty foil wrap for spiral hams. We can provide ham wrap bare or as a foil and film multilayer construction with low odor laminating adhesives and brine-resistant ink. We also have bare ham wrap readily available half ham sheets, whole ham sheets and rolls in a convenient dispenser box. Custom colors and designs are also available to meet your specific needs.

HEAT SHIELDS

Our lightweight and high-strength light-gauge aluminum, carbon steel and stainless steel can be easily molded and formed into various shapes to protect components from extreme temperatures in aerospace, aircraft, automotive and heating and air conditioning equipment.

INSULATION

All Foils light-gauge bare, coated and printed aluminum foils provide great insulation solutions due to its reflecting capabilities. We provide converted aluminum specifically for sound deadening and dampening insulation, thermal insulation and vibration-resistant insulation.

LABELS

Custom aluminum and copper foil labels can be laminated to variety of substrates, including papers, plastic films and paperboards. We offer gravure style lamination, as well as dry lamination at widths 60" or wider. Foil labels can also be customized with your choice of design, logo or color!

MOLDING & TRIM

Our light-gauge aluminum foils are a great solution for several molding and trim applications due to its strength to weight ratio, metallic-like finish, formability and corrosion-resistance. A range of different gauges, alloys and tempers are available specifically for molding and trim.

PRESSURE SENSITIVE TAPES

All Foils produces foil tape in various materials, gauges and widths. We specialize in linered tapes, bare foil tapes, cut to size pieces and sheeted linered tapes. Tape is available with different types of adhesives, like general purpose acrylic adhesive or high-temperature acrylic adhesive. We can also custom laminate to various substances, including polyester, fiberboard, Nomex®, Tyvek® and Dacron®.

TURKEY WRAP

All Foils offers food safe printed foils specifically for turkey. Used for wrapping hot or cold turkey and/or lining containers, our turkey wrap foil keeps turkey fresh, moist and delicious. Our food-grade turkey foil both preserves food quality and offers an opportunity to showcase your name in association with a great product.

PRIVATE LABEL PRODUCTS

While we provide many suppliers and manufacturers with bare and coated foil, we also private label a few of our signature foil products with the All Foils name!

These signature products feature the All Foils brand to ensure the highest quality, lowest price and in-stock availability. The self-branded products featured here are just a small sample of our complete offering.

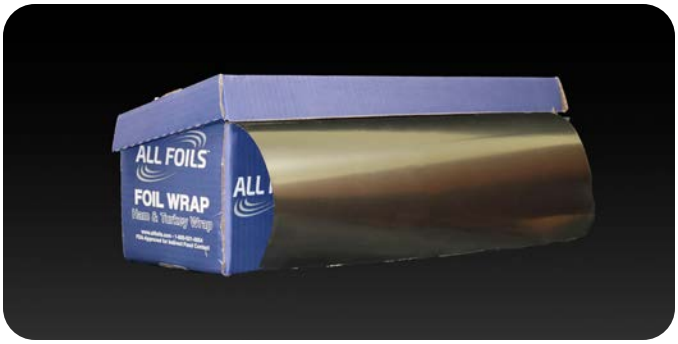
All Foils products can be rebranded and private labeled to fit your business needs. Our team can package using materials you provide, or collaborate with you to create a custom packaging solution showcasing your brand name or logo.

To learn more about All Foils complete line of self-branded products or our private label and custom packaging services, check out the products featured on the next few pages or contact an All Foils team member today.

FOIL WRAP

Lock in ham and turkey freshness with All Foils signature foil wrap! Manufactured from.0015" thick aluminum, our heavy-duty foil wrap is thicker than most traditional foils. This improves foil abrasion and damage resistance. It also helps retain moisture, juices and flavor ensuring your ham or turkey remains as fresh as the day it was wrapped!

All Foils foil wrap comes in a convenient box with a cutter bar and is stocked in the size and colors listed to the right. Custom sizes and colors are available upon request. Contact our team today for more info!



FOIL WRAP STOCK ROLLS

.0015" x 24" x 500 ft. Red, green, gold, blue or silver

Lead times for in-stock products are 2-3 days. Contact us for current lead times on custom orders.

TOOL WRAP STOCK ROLLS

Type 302/304 with 1,800°F max temperature
.002" x 24" x 50 ft. .002" x 24" x 100 ft.
Type 321 with 2,000°F max temperature
.002" x 24" x 50 ft. .002" x 24" x 100 ft.
Type 309 with 2,240°F max temperature
.002" x 24" x 50 ft. .002" x 24" x 100 ft.

TOOL WRAP

All Foils stainless steel tool wrap is designed to protect components from scaling, pitting and decarburization during the heat treating process. A few benefits include:

- Protects tools & parts from oxide scale buildup
- Protects the surface of hardening tool steels
- Resistant to chromium carbide precipitation
- Eliminates decarburization buildup
- Quicker turn around times

Tool wrap comes in a convenient box with a cutter bar. It's also stocked in two different lengths and is available in three different alloys, each designed to withstand a specific temperature range for maximum tool protection. Custom sizes are also available upon request.

ULTRA HIGH VACUUM (UHV) FOIL

All Foils Ultra High Vacuum (UHV) aluminum foil is "A" wettable, meaning it's completely free from the oils typically found on other grades of aluminum foil.

This makes UHV foil ideal for applications like clean rooms, laboratories, vacuum chambers and other clean environments. Every roll of UHV foil comes on a plastic core, is enclosed in a dispenser box and is wrapped in plastic film to ensure it remains contamination-free.

UHV foil is tested using a water test that confirms the aluminum foil has a test dryness of 100%. We certify our UHV foil is essentially free from contamination and residual rolling oils, and that it is certified to the ASTM designation B-479, specifications 3.1.4 and 10.3.1.

UHV FOIL STOCK ROLLS

.001" x 18" x 500 ft. .0015" x 18" x 500 ft.
.001" x 24" x 500 ft. .0015" x 24" x 500 ft.

Custom sizes available upon request!

THE INDUSTRIES WE SERVE.

As the nation's leading foil converter and distributor, All Foils continuously strives to provide the highest quality products and unsurpassed customer service to our partners all around the world. While the industries we serve vary, our dedication to meeting each customer's specific requirements does not.

AEROSPACE & AIRCRAFT

ARTS & CRAFTS

AUTOMOTIVE

BUILDING & CONSTRUCTION

COSMETICS

CRYOGENICS

EDUCATION

ELECTRONICS

FILM & PHOTOGRAPHY

FOOD & BEVERAGE

HEATING & AIR CONDITIONING

MEDICAL & PHARMACEUTICAL

Contact us at 1.800.521.0054 or visit allfoils.com to learn more today!