Aleris Global Rolled & Extruded Products

Rolled Product Facilities

NORTH AMERICA
Aleris Rolled Products, Inc.
Levengrund Rolling Mill
1372 State Road 1957
Levengrund, Kentucky 42351
T +1 270 295 5228
F +1 270 295 5238
Aleris Rolled Products, Inc.
ALECO
1 Reynolds Road
Ashville, Ohio 43103
T +1 740 983 2761
F +1 740 983 4834
Aleris Rolled Products, Inc.
Newport Rolling Mill
7319 Newport Road SE
Uhrichsville, Ohio 44683
T +1 740 922 2560
F +1 740 922 8833
Aleris Rolled Products, Inc.
Buckhannon Operations
2 Moore Avenue
Buckhannon, West Virginia 26201
T +1 304 472 3100
Aleris Rolled Products, Inc.
Richmond Operations
1801 Raymont Road
Richmond, Virginia 23237
T +1 804 714 2100
F +1 804 714 2163
Aleris Rolled Products, Inc.
838 North Dakota Drive
Clayton, New Jersey 08312
T +1 856 881 3600
F +1 856 881 9699
Aleris Rolled Products, Inc.
Rosboro Operations
3321 Durham Road
Rosboro, North Carolina 27573
T +1 336 599 2151
F +1 336 503 1429

EUROPE
Aleris Aluminium Duffel BVBA
A. Stoeckerstr. 87
2570 Duffel, Belgium
T +32 15 302 111
F +32 15 302 021
Aleris Aluminium Koblenz GmbH
Carl-Sperber-Straße 10
56070 Koblenz, Germany
T +49 261 891 0
F +49 261 891 7342

ASIA
Aleris Dingfeng Aluminium (Zhenjiang) Co., Ltd.
No. 1 Ca Ji Road,
Jing Kou Industrial Park,
Zhenjiang 212141
Jiangsu Province,
China
T +86 511 85307210
F +86 511 85307222

Extrusion Facilities

EUROPE
Aleris Aluminium Bitterfeld GmbH
Devillstraße 2
06749 Bitterfeld, Germany
T +49 3493 722 51
F +49 3493 723 33
Aleris Aluminium Vogt GmbH
Bergerstraße 17
86207 Vogt, Germany
T +49 7529 999 0
F +49 7529 999 271
Aleris Aluminium Bonn GmbH
Friedrich-Vollmar-Straße 2
53117 Bonn, Germany
T +49 228 558 0
F +49 228 558 3501
Aleris Aluminium Duffel BVBA
A. Stoeckerstr. 87
2570 Duffel, Belgium
T +32 15 382111
F +32 15 302021

ASIA
Aleris Aluminium (Tianjin) Co., Ltd.
No. 18, Shuangyungiao,
Baichen Economic Development Area
Tianjin 300400
China
T +86 22 2699 7126
F +86 22 2699 7725

ALERIS INTERNATIONAL, INC.
Aleris is a global leader in the production and sale of aluminum rolled and extruded products, recycled aluminum and specification alloy manufacturing. Our two primary global business units—Rolled and Extruded Products and Recycling—serve the global market needs of our customers and support our customer-driven approach to business, while leveraging process excellence. Aleris operates over 40 strategic locations worldwide, with its global Headquarters located in Cleveland, Ohio.

From raw materials to finish coating, each operation is managed by the Aleris Operation System (AOS). This integrated system of principles, practices and tools engages all of our employees in the constant pursuit of operational and process excellence.

At Aleris, safety is not just a priority. It’s a core value. We are committed to the safety of all employees, contractors and visitors. We employ key measures to ensure a safe and healthy work environment. These include a relentless focus on activities that identify and mitigate injury and illness including routine health and safety audits.
ADVANTAGES OF ALUMINUM

Aluminum quietly touches our daily lives in countless unseen ways, making hundreds of products more convenient, more durable, stronger and better. It is a highly renewable resource. It ranks as one of the most recycled materials on the planet. It is highly ductile, malleable, conductive, resistant to corrosion and wear, and has an exceptional strength to weight ratio. All of which make it the metal of choice for many product designers.

Aluminum also provides endless customer solutions and new sources of profit for numerous industries. Consumption continues to rise across a number of emerging markets because it:

- Is light weight (1/3 the weight of steel), durable and highly formable
- Is highly resistant to corrosion under the majority of conditions
- Will not discolor products it comes in contact with
- Has no toxic reaction and is non-magnetic
- Has good electrical and thermal conductivities
- Is highly reflective to both heat and light
- Can be easily formed into shapes, welded and fabricated
- Can be coated with a wide variety of surface finishes
- Can be recycled over and over again

SUSTAINABILITY THAT SUPPORTS YOUR BUSINESS

Aluminum is extremely environmentally friendly, and nearly 75 percent of the aluminum ever produced is still in use today. This is a true testament to the material’s durability, strength, flexibility and recyclability.

At Aleris, we believe sustainability makes good business sense and our recycling efforts start in our own backyard. Our employees constantly seek ways to reduce, recycle, and reuse aluminum, and Aleris includes many types of pre-consumer and post-consumer scrap in the manufacturing process.

We go above and beyond to make sure our post-consumer and pre-consumer claims are accurate. Aleris alloys have been third party certified by GreenCircle certification and can help you achieve your sustainable objectives.
BUILDING AND CONSTRUCTION

Aluminum has all the essential characteristics for building and construction applications. It is durable, versatile, and formable. It can be highly decorative and offers excellent heat and sound insulation, resistance to corrosion and weathering, and a high strength-to-weight ratio. For all these reasons, aluminum rolled products enhance a wide variety of buildings throughout the world, from large commercial buildings to single-family homes.

ALERS is a recognized leader in aluminum sheet for building products. With a keen knowledge of customer technical requirements, we’ve developed a variety of aluminum products incorporating the latest design trends for a wide range of applications including:

- Roofing
- Trim coil
- Gutter coil and rainware-accessories
- Window and door frames
- Wall panels
- Louvers and vents
- Sun rooms and patio enclosures
- Heating and cooling ventilation
- Guitar guards
- Awnings

SOLVING METAL CHALLENGES

Aluminum rolled products are manufactured in a wide variety of common alloys, dimensions, and finishes. Our manufacturing leadership is the result of innovations in manufacturing, process control and information technologies.

ALERS is committed to providing the best aluminum solutions in North America, and is positioned as a strategic supplier in the metal industry. By providing quality, service, experience and dependability, ALERS remains a leader in serving virtually all industries across the world.

DISTRIBUTION

Distributors play a valuable role in delivering recycled aluminum products to a vast number of manufacturers in diverse industries, and ALERS, the world’s largest recycler of non-packaging aluminum, has been and continues to be committed to our distribution network throughout the industry. These valuable partnerships continue to expand ALERS’ capability to serve a wide variety of industries. ALERS provides fast and flexible responsiveness and value-added services as a key supplier to its distribution partners. The company not only processes the recycled aluminum, it also stores, ships, handles and delivers the products, while providing technical expertise to meet the distributor’s specific needs. Applications include:

- Appliances
- Light fixtures
- Sign stock
- Solar panels
- Automotive
- Transportation
- Construction
- Architectural

ALLOYS FOR THE BUILDING AND CONSTRUCTION INDUSTRY

<table>
<thead>
<tr>
<th>Type</th>
<th>3XXX</th>
<th>5XXX</th>
<th>6XXX</th>
</tr>
</thead>
<tbody>
<tr>
<td>XXXX</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TRANSPORTATION

Aluminum’s high strength-to-weight ratio, corrosion resistance, and recyclability make it an attractive material for the transportation industry. Aluminum’s astonishing range of properties provide a unique combination of strength and weight-saving features to optimize vehicle performance, reliability and cost-effectiveness. Aluminum promotes long-term performance, reduces maintenance and downtime, and has a positive impact on the environment. It is easy to repair and provides high residual value. ALERS produces sheet and various aluminum products used in the construction of trucks, trailers, buses, recreational vehicles, and rail cars.

All manufacturers of transportation vehicles focus on reducing weight to save energy and meet environmental goals. Lighter commercial vehicles made from aluminum also help to reduce shipping costs. In the transportation segment alone, ALERS serves a wide variety of customer applications, including:

- Class 6-8 trucks
- Class 7-8 trucks
- Delivery trucks
- Dry-refrigerated van trailers
- Cargo trailers
- Emergency vehicles
- Grain trailers
- Horse trailers
- Recreational vehicles
- Livestock trailers
- Utility vehicles
- Fire trucks

ALERS aluminum coil is used in all major components of the transportation industry, and it’s not just plain aluminum. Customers can choose from standard ALERS colors, custom matched colors, or specially developed coating products like ALERS’ Road Sheet® and Ultra Road Shield®.

<table>
<thead>
<tr>
<th>Type</th>
<th>3XXX</th>
<th>5XXX</th>
<th>6XXX</th>
</tr>
</thead>
<tbody>
<tr>
<td>XXXX</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
AUTOMOTIVE

In this time of high-energy costs, vehicle makers are turning to aluminum as a lightweight, fuel-efficient alternative to steel and other materials. The use of aluminum helps reduce fuel emissions and improves vehicle-handling characteristics. Aluminum’s impact resistance is similar to that of steel, and its corrosion resistance is better. With its high strength-to-weight ratio and manufacturing flexibility, aluminum has become the solution for many of the challenges facing today’s automakers.

Aluminum:
- Can be rolled, formed, stamped, deep drawn, slit, bent, punched or fabricated into a variety of shapes and designs
- Is easily joined by welding, brazing, mechanical fasteners and adhesive bonding
- Is found in a variety of products ranging from heat shields to fin stock used in the manufacture of automotive heat exchangers
- Absorbs energy well in crashworthiness tests and is used for safety-related applications, such as frames, body panels, bumper reinforcements, engine cradles, side door beams, knee bolsters, anti-lock braking systems and air bag components, to name a few
- Is sustainable – nearly 90 percent of the aluminum in autos is recycled.

ALLOYS FOR THE AUTOMOTIVE INDUSTRY

- 1XXX
- 3XXX
- 5XXX
- 6XXX

INDUSTRIAL PRODUCTS

Alcoa is one of the leading suppliers of sheet and heavy gauge foil products for industrial application. Aluminum’s excellent conductivity makes it an obvious choice for the electrical and transformer industry. In the freshwater boat segment, aluminum is the material of choice because its light weight, easy to fabricate and has good corrosion and fatigue resistance. Applications include:
- Transformer windings
- Electrical conductor strip
- Fins stock
- Cooking equipment
- Marine boat accessories
- Fresh water boat

ALLOYS FOR INDUSTRIAL PRODUCTS

- 1XXX
- 3XXX
- 5XXX

PACKAGING

Aluminum foil containers are a cost-effective, environmentally friendly solution that have found widespread use in the retail, food service, and baking industries. Manufacturers produce billions of aluminum foil containers every year, and Alcoa provides light-gauge aluminum products for the semi-rigid coated and plain foil used to make these containers for both carry-out and pre-packaged applications. These containers can be used in a wide variety of temperature and food processing applications. Additionally, consumers can cook, freeze, transport and serve food all in a single, safe, convenient aluminum package.

Aluminum foil containers promote freshness and increase shelf life, but do not absorb moisture or grease. To resist corrosion from acidic foods, increase durability and improve appearance, Alcoa offers light epoxy or vinyl coating for its aluminum packaging products. Our semi-rigid foil is resistant to temperatures ranging from minus 40°F/-40°C to 450/232°C. Our lubricants are applied to exact tolerances and are FDA complaint. Kosher certifications are also available for all of our formed container product applications. End uses in the packaging industry include:
- Closures stock
- Semi-Rigid foil container stock
- Containers

ALLOYS FOR THE PACKAGING INDUSTRY

- 1XXX
- 3XXX
- 5XXX

Alcoa.com
PLANT & PRODUCT CAPABILITIES

Aleris has five multipurpose mills located throughout North America. The direct-chill, continuous cast and pellet casting technologies allow us to offer a variety of quality alloys and products to diverse industries.

LEWISPORT, KENTUCKY
DIRECT-CHILL CASTING (DC)

MORE THAN JUST A MILL

Lewisport is Aleris’ largest rolling mill in North America, comprised of approximately 45 acres under roof. For more than 40 years, this rolling mill has been dedicated to installing in our customers’ confidence to count on us by fulfilling our promise of customized service and qualified products.

The rolling mill produces aluminum rolled sheet including bare and coated coiled sheet. The operation offers leveling, coating, embossing and slitting services. With this breadth range of capabilities, Lewisport provides the one-stop shop for all your aluminum coil needs.

The Lewisport facility produces a wide variety of rolled and coated products for segments such as distribution, transportation, OEM, automotive, building and construction, and specialty products. It produces over 20 alloys and more than 2,000 customer specification products that customers require to meet their business needs.

PRODUCT AVAILABILITY OVERVIEW

<table>
<thead>
<tr>
<th>Alloy</th>
<th>Thickness (Inches) (Over Through)</th>
<th>Minimum/Maximum Width (Inches)</th>
<th>Temper(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100</td>
<td>0.014 – 0.288</td>
<td>4 – 62</td>
<td>O, H12, H14, H16, H18</td>
</tr>
<tr>
<td>3003</td>
<td>0.012 – 0.289</td>
<td>4 – 72</td>
<td>O, H12, H14, H16, H18</td>
</tr>
<tr>
<td>3004</td>
<td>0.012 – 0.249</td>
<td>4 – 72</td>
<td>O, H12, H14, H16, H18, H22 (available to 0.023&quot;, 0.062&quot;), H54 (available to 0.157&quot;) H119 (available to 0.125&quot;)</td>
</tr>
<tr>
<td>3022</td>
<td>0.015 – 0.325</td>
<td>4 – 72</td>
<td>O, H12, H14, H16, H18, H24</td>
</tr>
<tr>
<td>3105</td>
<td>0.012 – 0.208</td>
<td>4 – 72</td>
<td>O, H12, H14, H16, H18, C5, C10, H14, H15, H16</td>
</tr>
<tr>
<td>5182</td>
<td>0.015 – 0.240</td>
<td>4 – 72</td>
<td>O, H12, H14, H16, H18</td>
</tr>
<tr>
<td>5052</td>
<td>0.015 – 0.249</td>
<td>4 – 72</td>
<td>O, H12, H14, H16, H18, H24, H26</td>
</tr>
<tr>
<td>5086</td>
<td>0.020 – 0.249</td>
<td>4 – 61.375</td>
<td>O, H13</td>
</tr>
<tr>
<td>5080</td>
<td>0.020 – 0.249</td>
<td>4 – 61.375</td>
<td>O, H12, H14, H16, H23, H28, H34, H36, H38, H291</td>
</tr>
<tr>
<td>6061</td>
<td>0.020 – 0.249</td>
<td>4 – 61.375</td>
<td>O, H22, H24, H26</td>
</tr>
<tr>
<td>5754</td>
<td>0.020 – 0.249</td>
<td>4 – 61.375</td>
<td>O, H22, H24, H26</td>
</tr>
<tr>
<td>7061</td>
<td>0.016 – 0.249</td>
<td>4 – 60</td>
<td>O</td>
</tr>
</tbody>
</table>

*The products above are third-party Green Circle certified. Please contact your sales representative for post-consumer and post-consumer content.

www.aleris.com
BUILDING FOR THE FUTURE

Located 30 minutes outside of Akron, Ohio, the Newport Rolling Mill receives molten aluminum recovered from a wide variety of aluminum scrap sources and converts it into flat rolled sheet using the twin-belt continuous casting process. This plant is 100% supported by the recycling facility adjacent to the rolling mill.

This plant has approximately 14 acres under roof with sitting and leveling capabilities. Newport is known as an industry leader in the manufacturing of low-cost, high-quality, scrap-based alloys for the building and construction segments. We also supply sheet for automotive, transportation, distribution and consumer durable applications.

PRODUCT AVAILABILITY OVERVIEW

<table>
<thead>
<tr>
<th>Alloy</th>
<th>Thickness (Inches) (Over-Through)</th>
<th>Minimum/Maximum Width (Inches)</th>
<th>Temper</th>
</tr>
</thead>
<tbody>
<tr>
<td>*3004 MB Finish</td>
<td>0.0126 – 0.0184</td>
<td>6x Table Below – 48.0</td>
<td>0, H22, H24, H25, H26, H28</td>
</tr>
<tr>
<td></td>
<td>0.0121 – 0.0190</td>
<td>6x Table Below – 49.0</td>
<td></td>
</tr>
<tr>
<td>*3105, 3105/3, 9115</td>
<td>0.0120 – 0.0186</td>
<td>6x Table Below – 48.0</td>
<td>H22, H24, H25, H26, H28, H291</td>
</tr>
<tr>
<td>&amp; 6082 MB Finish</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MINIMUM WIDTH GAUGE RANGE

<table>
<thead>
<tr>
<th>8&quot;</th>
<th>6&quot;</th>
<th>4&quot;</th>
<th>2&quot;</th>
</tr>
</thead>
</table>
| 0.0190" | 0.0200" | 0.0200" | 0.0200"

*0.0195" & 0.0330"

*0.0190" & 0.0200"

*0.0195 and 0.0330 is for 3004, 0.0190 is for 3105

**The products above are third-party GreenCircle certified.

Please contact your sales representative for post-consumer and pre-consumer content.

RICHMOND, VIRGINIA

PELLET CASTING

UNIQUE TEAR DROP PELLET TECHNOLOGY

Our Richmond facility is a full production plant that was built in the late 1950s. It was built to use recycled aluminum to produce low-cost, high quality aluminum sheet products for the building industry. The plant is unique due to its proprietary pellet casting technology. The aluminum pellets, less than a quarter inch long, are converted into a hot rolled sheet via compaction of the cast pellets.

PRODUCT AVAILABILITY OVERVIEW

<table>
<thead>
<tr>
<th>Alloy</th>
<th>Thickness (Inches) (Over-Through)</th>
<th>Minimum/Maximum Width (Inches)</th>
<th>Temper</th>
</tr>
</thead>
<tbody>
<tr>
<td>*3005 MB Finish</td>
<td>0.0125 – 0.040</td>
<td>10.0 – 49.5</td>
<td>H24, H25, H30, H38</td>
</tr>
<tr>
<td></td>
<td>0.0100 – 0.040</td>
<td>10.0 – 49.5</td>
<td>H24</td>
</tr>
<tr>
<td>3004 MB Finish</td>
<td>0.030 – 0.050</td>
<td>44.0 – 49.5</td>
<td>H291</td>
</tr>
<tr>
<td></td>
<td>0.0125 – 0.040</td>
<td>10.0 – 49.5</td>
<td>H24, H25, H26, H28</td>
</tr>
<tr>
<td>*3105 MB Finish</td>
<td>0.0125 – 0.040</td>
<td>10.0 – 39.0</td>
<td>H24</td>
</tr>
<tr>
<td></td>
<td>0.0190 – 0.0350</td>
<td>10.0 – 39.0</td>
<td>H24</td>
</tr>
</tbody>
</table>

*The products above are third-party GreenCircle certified.

Please contact your sales representative for post-consumer and pre-consumer content.
When it comes to the production of superior quality aluminum coated products, Aleris is an industry leader. Our coating operations are strategically located throughout North America and offer a variety of coatings and colors.

### COATED PRODUCTS CAPABILITIES

Aleris offers extensive coating options, color expertise and application versatility. Our exterior paint systems are specifically formulated for superior performance and feature the latest in coating technology. We provide our customers the technical support they need, so choosing the best substrate and paint system for coated applications is easy.

**SELECTION THE RIGHT PAINT SYSTEM INCLUDES:**
- End-use and designated performance specifications
- Appearance (color and gloss)
- Durability and warranty requirements
- Environmental requirements
- Special performance consideration

### TAKING ALUMINUM BEYOND BARE PAINT CHARACTERISTICS & AVAILABILITIES

**ALUMINUM COATING COATED SHEET MANUFACTURING LIMITS**

<table>
<thead>
<tr>
<th>Location</th>
<th>Thickness (inches)</th>
<th>Minimum Width (inches)</th>
<th>Maximum Width (inches)</th>
<th>Tempers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ASHVILLE, OHIO</strong></td>
<td>(Over-Through)</td>
<td>0.016 - 0.038</td>
<td>0</td>
<td>24.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HG2, HG6, RG6, R8</td>
</tr>
<tr>
<td>Note: Width 1.35&quot; minimum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RICHMOND, NORTH CAROLINA</strong></td>
<td></td>
<td>0.008 - 0.015</td>
<td>0</td>
<td>24.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RG2, RG3, RG6, R8</td>
</tr>
<tr>
<td>Note: Width 1.00&quot; minimum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LEWISPORT, KENTUCKY</strong></td>
<td>(Over-Through)</td>
<td>0.012 - 0.016</td>
<td>0</td>
<td>24.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RG2, RG4, RG6, R8</td>
</tr>
<tr>
<td>Note: Width 4.00&quot; minimum</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CASTLETON, NEW JERSEY</strong></td>
<td>(Over-Through)</td>
<td>0.030 - 0.035</td>
<td>0</td>
<td>48.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C, H23, H14, H16, H18, H19</td>
</tr>
<tr>
<td><strong>HEAVY-GAUGE COATED SHEET</strong></td>
<td>(Over-Through)</td>
<td>0.064 - 0.140</td>
<td>34.0</td>
<td>60.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3003, 3004, 3105, 5052, HG2, HG4, RG6, R8, R14</td>
</tr>
</tbody>
</table>

*Please inquire for specific gauge and width combination capabilities.*
EXTENSIVE COATING CHARACTERISTICS
APPLICATION VERSATILITY

POLYESTER
Flexibility: 1T180-3T180
Film Hardness: HB-2H
MEK Resistance: 50-100+ rubs
Exterior Weathering: Good

Increased formability and dravability from standard polyester. Applicable for severe forming profiles. Increased exterior weathering characteristics.

Availability: Lawport, Roboro, Clayton, Asheville

MODIFIED POLYESTER
Flexibility: 0T180-3T180
Film Hardness: H-2H
MEK Resistance: 50-100+ rubs
Exterior Weathering: Good to Excellent

This coating type can provide enhanced performance through formula modification. Exterior weathering by the addition of silicone when applied over a primer. Water-free modification will enhance ability to stencil or print.

Availability: Lawport, Roboro, Asheville

POLYURETHANE
Flexibility: OT180-3T180
Film Hardness: H-2H
MEK Resistance: 50-100+ rubs
Exterior Weathering: Good

Increased formability and dravability from standard polyester. Applicable for severe forming profiles. Increased exterior weathering characteristics.

Availability: Lawport, Roboro, Clayton, Asheville

ACRYLICS
Flexibility: 2T180-5T180
Film Hardness: HB-2H
MEK Resistance: 50-100+ rubs
Exterior Weathering: Good

The surface hardness of this coating provides good exterior stain resistance. This durable coating provides ease of cleaning and resistance to abrasion and marring. Limited formability. Low to full gloss range. Available as an antimicrobial coating when antimicrobial is added to the paint system.

Availability: Lawport, Roboro, Clayton, Asheville

FLUOROCARBONS
Flexibility: OT180-3T180
Film Hardness: F-2H
MEK Resistance: 50-100+ rubs
Exterior Weathering: Superior

Premium coatings superior in color and gloss retention. This primer-based system minimizes chalking and maintains long-term durability. Applicable for very severe forming profiles.

Availability: Lawport, Roboro (Subject to Inquiry), Clayton (Subject to Inquiry)

PVC S
Flexibility: OT180
Film Hardness: 2B-3B
Film Thickness: 3.00-4.50 mils
Smooth or Stripped
Exterior Weathering: Good

Premium coatings superior in color and gloss retention. This primer-based system minimizes chalking and maintains long-term durability. Applicable for very severe forming profiles.

Availability: Roboro (Subject to Inquiry), Asheville

EPoxyES
Flexibility: OT 180
Film Hardness: H minimum
MEK Resistance: 50-100+ rubs
Exterior Weathering: Fair UV resistance, good boiling water resistance, excellent humidity and salt fog resistance

Broad flexibility and durability range. Epoxy backers are offered at the three other coating lines. Can be formulated with internal lubricants. Specific coatings/ colors offer as FDA approved for indirect food contact 21CFR178.3910.

Availability: Clayton

THERMO-SETTING VINYL
Flexibility: OT 180-3T 180
Film Hardness: unknown but low
MEK resistance: 10-20 MEK rubs
Exterior weathering: N/A

Can be heat-seal bonded to aluminum foil or certain films. Available in clear, but can also be tinted gold. Specific coating colors offered as FDA approved for indirect food contact 21CFR178.3910.

Availability: Clayton

SILICONE POLYESTER
Flexibility: 1T180-3T180
Film Hardness: HB-2H
MEK Resistance: 50-100+ rubs
Exterior Weathering: Good

This specialized coating type can provide enhanced corrosion performance through formula modifications. Available in Black, Gold, Gray, Terra-cotta.

Availability: Clayton

1. Paint system selection subject to requirements of metal specification, quantity and end-use application.

2. Above are examples of most commonly used coatings. Other types of coatings may be available upon inquiry.

www.ukots.com
ALERIS EXPRESS
DOING BUSINESS HAS NEVER BEEN EASIER

Aleris knows that our success relies on the success of our customers. We work with you to help your business take advantage of the performance traits and possibilities of our aluminum products. Whether you have an idea, need a solution to a problem, or just need professional advice you can trust, our team is dedicated to help you succeed.

Aleris is committed to providing the best aluminum solutions in North America. Our Inside Sales professionals are dedicated to the highest level of service excellence and professional integrity. Aleris Express offers online availability of our premium aluminum inventory with enhanced delivery options. This web portal allows our customers to place orders, obtain key documents and do a host of other account activities. The site has real-time functionality and allows you to check order status, view order history, print invoices, and order acknowledgements.

With Aleris, you place orders with speed accuracy and ease. We offer fast shipment of popular, in-stock items. This means smaller inventories that reduce working capital and generate better financial returns for your business. Aleris provides quick response that gives you a competitive edge.

- Online depot ordering
- Ordering made simple
- Summary view of available inventory
- Summary view of reserved inventory
- Email notification of orders placed

www.aleris.com
ENGINEERING SOLUTIONS FOR YOUR SUCCESS

With more than 40 years experience serving the aluminum industry, Aleris has the knowledge to provide engineering and metallurgical support that can help develop products for customer specific needs. Making our customers more profitable by solving their aluminum supply problems is what sets us apart in the industry. Our dedicated team of product engineers is available to share insights, troubleshoot, and develop ideas to improve your bottom line.

We know manufacturing and can help you explore how to improve your processes. Our engineers know our products better than anyone. They have seen our aluminum applied to a diverse range of applications and can help you make successful choices. Let our product engineers study your business and offer ideas on how you can save money and take advantage of aluminum products.

At Aleris, we provide the quality, creativity and customization that lets customers relax no matter what industry they’re in.

CUTTING-EDGE SERVICES

- Educate your employees with aluminum technical seminars
- Explore the possibilities of direct-chill vs. continuous cast options
- Identify opportunities to apply pre-coated coil technology to various end uses
- Receive support with converting post-coated to pre-coated operations
- Troubleshoot metal working equipment and examine quality control practices
- Study your business and get ideas on how you can save money and take advantage of aluminum products.