thyssenkrupp Materials NA Ken-Mac Metals

Products & **Capabilities Guide**



Operational Facilities

Ken-Mac Metals distributes its products throughout the USMCA market region. Ken-Mac Metals also maintains additional warehouse and distribution facilities in strategic locations across North America.

Cleveland, OH

17901 Englewood Drive, Cleveland, OH 44130 P: (440) 234 7500

Toll Free: (800) 831 9503

FAX: (440) 234 7190

Kenosha, WI

Detroit, MI

Two Thyssen Park, Detroit, MI 48210 P: (313) 361 6870 Toll Free: (888) 536 6221 FAX: (313) 361 6077

9587 58th Place, Kenosha, WI 53144 P: (262) 656 1596 Toll Free: (888) 874 4332

FAX: (262) 656 1727

P: (562) 404 0840

Seattle, WA

2200 140 Ave. East, Suite 300 Sumner, WA 98390

P: (253) 891 6898

FAX: (253) 891 6907

P: (205) 994 7562 FAX: (205) 547 2839



Los Angeles, CA

14066 Borate Street, Santa Fe Springs, CA 90670

Toll Free: (800) 854 1892 FAX: (562) 404 4771

Woodstock, AL

148 Integrity Drive, Woodstock, AL 35188

Kansas City, MO

6100 Stilwell Avenue, Suite B, Kansas City, MO 64120

P: (816) 241 1724 Toll Free: (866) 921 7028 FAX: (816) 241 2232

Richburg, SC

2716 Old Richburg Road, Richburg, SC 29729

P: (803) 789 6900 FAX: (803) 789 5348

Sinton, TX 1496 Teets Trail, Sinton, TX 78387

P: (361) 437 0050







To Our Valued Customers

Welcome to Ken-Mac Metals, a thyssenkrupp Materials NA Company. Ken-Mac Metals began operations in 1968 and was acquired by thyssenkrupp Materials in 1994. The financial strength and global resources of the thyssenkrupp group have permitted Ken-Mac Metals to maintain its long-standing position in the country as one of the leading distributors of aluminum and stainless steel products.

Since 1985, Ken-Mac Metals has realized near a double digit compounded growth in annual sales. This demonstrates our commitment to offer our customers quality products, competitively priced, in ever expanding markets. Ken-Mac Metals specializes in the processing and distribution of mill finish and heat treated aluminum, painted aluminum and 200, 300, and 400 series stainless steel products.

Our sales force includes 38 professionals with over 850 years of experience in the non-ferrous metals market. Their expertise assures you of a quick response to your requirements and outstanding service and support.

Ken-Mac Metals distributes its products throughout the USMCA region. Currently, the company employs more than 300 people at eight plants located across the United States. The company also maintains additional warehouse and distribution facilities in strategic locations across North America.

As one of the largest distributors of its kind, with one of the most respected supply chain management activities, Ken-Mac Metals has become industries' preferred source for their nonferrous needs. Ken-Mac Metals is known for our extensive knowledge and expertise in managing complex supply chain solutions. We have become a leading provider of these activities to all of the industries we serve.

Our services include slitting, corrective leveling, cut-to-length sheeting, blanking, polishing, storage, logistics and more. Ken-Mac Metals is quality conscious – our plants are ISO9001 and IATF16949 certified. Additionally, our Los Angeles and Seattle locations are also certified to AS9100D.

Sales offices are positioned throughout the country. Our products are distributed to many diverse industries. These include; automotive, truck and truck trailer, residential and commercial construction, appliance, kitchen and food equipment, energy and other manufacturing industries.

> Ken-Mac Metals is a sales-minded company, employing sales-minded individuals. Outstanding quality, service and competitive pricing make Ken-Mac Metals the right choice for your Aluminum, Painted Aluminum, and Stainless Steel requirements.

Ken-Mac Metals is committed to be First in Non-Ferrous Metals. Give us a try, you will enjoy the experience.

Sincerely yours,

Timothy A. Yost President & CEO Coil Processing Group Ken-Mac Metals thyssenkrupp Steel Services

we are thyssenkrupp

We are thyssenkrupp.

Competence and diversity, global reach, and tradition form the basis of our worldwide market leadership. We create value for customers, employees and shareholders.

We meet the challenges of tomorrow with our customers.

We are customer-focused. We develop innovative products and services that create sustainable infrastructures and promote efficient use of resources.

We hold ourselves to the highest standards.

We engage as entrepreneurs, with confidence, a passion to perform, and courage, aiming to be best in class. This is based on the dedication and performance of every team member. Employee development is especially important. Employee health and workplace safety have top priority.

We share common values.

We serve the interests of the Group. Our interactions are based on transparency and mutual respect. Integrity, credibility, reliability and consistency define everything we do. Compliance is a must. We are a responsible corporate citizen.

Our Products - Non Ferrous Sheet / Slit Coil / Plate





Aluminum Products - Mill Finish, Heat Treat, Painted



Aluminum Products

Non-Heat Treat (NHT) 3003 1100 5052 5754 5182 5005 3105 3004 1350 5083 5086 5454 8011

Heat Treat (HT) Alloys 6022 6111 6016 2024 7075 6061 Tempers: T4, T6, O, T651, T351

Also Available Circles **Clad Products Bright Tread Sheet** Embossed Product • i.e. Stucco & Other Patterns • Fire Truck Quality Tread **Special Finishes** One Side Bright **Plate Products**

Tempers: H1X, H2X, H3X, and O

Size Availability

Thickness: .00075" through 1.500" / 0.01905mm through 38.1mm Widths: .375" through 103" / 9.525mm through 2616.2mm *Subject to part, size, alloy, and temper

Automotive NHT & HT Alloys

- All OEM Specified Grades in the 6xxx and 5xxx Alloy Families.
- In-house application of both Wet & Dry Lubricants.
- OEM Specs: North American, Asian, and European.
- Specialize in BIW Exposed and Unexposed End Uses.
- Specialty blanking to include laser, trapezoid, etc.

Pre-Painted Products

Coated Products

Acrylic Epoxy Polyester Siliconized Textured Polyester Dry Film Lube

Painted Aluminum Products

Standard Material & Sizes

Product Dimensions:	Coil Gauges:	0.012" - 0.080"
	Coil Widths:	24" to 60"
*Subject to Alloy / Temper Combinations		

Commonly Available Alloys: 3003, 3004, 3105, 5052

Typical End Use Markets

Building & Construction

Transportation

Consumer Durables

Electrical Equipment

Machinery & Equipment

Types

Polyester

Epoxy

Urethane



Silicone Polyester

Fluoropolymer (PVDF)

Specialty Finishes

Stainless Steel Products





Stainless Products

Common Alloys

T304 / 304L	T316 / 316L
T301 / T301L	T201 / T201L
T430	T439
T409	T441
Duplex	

Size Availability

Thickness:	.001" through 2" / .0254mm through 50.8mm	
Width:	.5" through 120" / 12.7mm through 3048mm	

Finishes Available

2B 2D #3 #4 1D Bright Annealed Prebuff Rolled on

More About Ken-Mac Metals Stainless

- Ken-Mac Metals specializes in stainless slit coil, sheet, and plate for engineered applications.
- We offer 200/300/400 series sheet and coil in various finishes.
- We specialize in large volume JIT requirements servicing:
 - Automotive
 - Appliance
 - Energy
 - Food and kitchen equipment industries
 - Residential and commercial construction
 - Truck
 - Truck trailer
 - Plus many other demanding applications

Technical Expertise

As the global stainless market is changing rapidly, Ken-Mac Metals offers the technical assistance required by customers to remain competitive.

Cleveland Plant - Bright Annealed Stainless Steel Product



Capabilities Guide



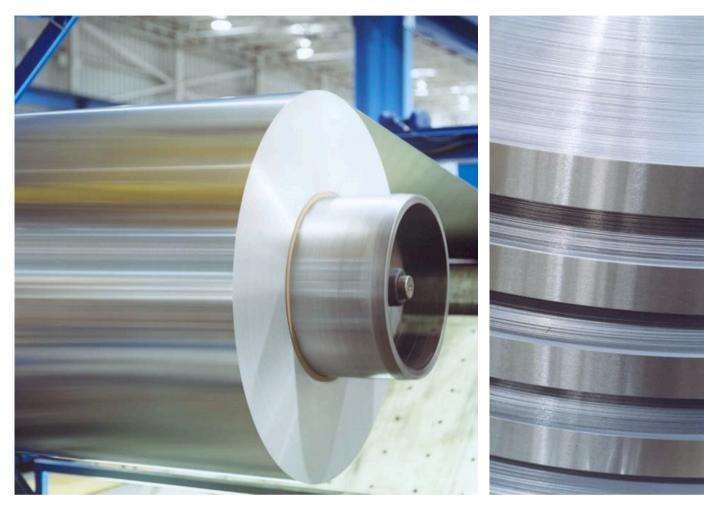
Processing Services

	Aluminum		Stainless Steel	
	Imperial (in)	Metric (mm)	Imperial (in)	Metric (mm)
Slitting				
Gauge	.00075250	.01905 - 6.35	.002250	.0508 - 6.35
Width	.250 - 76.5	6.35 - 1943.1	.250 - 74.00	6.35 - 1879.6
Width Tolerance	± .005 & Higher	± .127 & Higher	± .005 & Higher	± .127 & Higher
I.D.	6 – 24	152.4 - 609.6	6 – 24	152.4 - 609.6
0.D.	Up to 78	Up to 1981.2	Up to 78	Up to 1981.2
*Minimum width depends on gauge				
Cut-to-Length & Blanking				
Gauge	.010375	.254 - 9.525	.010250	.254 - 6.35
Width	4.00 - 103	101.6 - 2616.2	4.00 - 72.00	101.6 - 1828.8
Length	8.00 - 480.00	203.2 - 12192	8.00 - 480.00	203.2 - 12192
Length Tolerance	± .015 & Higher	± .381 & Higher	± .015 & Higher	± .381 & Higher
Squareness Tolerance	.125	3.175	.125	3.175

*Subject to final spec approval

Additional Services				
Edge Dimpling	Dry Lube	Paper Interleave	PVC	Corrective Leveling
Polishing	Wet Lube	Fiber Cores	Shrink-Wrap Packaging	Jet Ink Stenciling

Detroit Plant - Polished Stainless Steel





Our Quality Statement

Ken-Mac Metals is committed to customer satisfaction. In order to fulfill this commitment, we have established the following objectives:

To maintain a safe work environment for our employees To consistently meet or exceed our customer's expectations To deliver product on time To strive for continuous process improvement To establish Quality objectives and goals (through daily and monthly monitoring and reporting

of product or system deficiencies)

Ken-Mac Metals' goal is to consistently deliver products of the highest quality to our customers and provide value that will differentiate us from our competition.

All Ken-Mac Metals employees have the responsibility to maintain the provisions of the Quality Assurance System. Our Ken-Mac Metals Management Team will ensure that the customer's quality requirements and expectations are defined and compatible with our quality capabilities. Ken-Mac Metals' Management Team will provide the environment, facilities, personnel and training necessary to achieve these objectives.

Our facilities are registered to the following





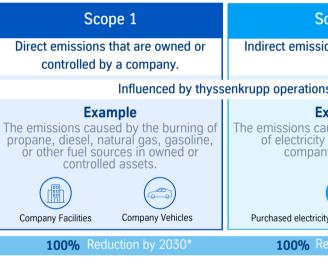
Sustainability

We understand sustainability in all its dimensions: ecological, social, and economic. As an industry leader, we are making great progress in this area.

Our Vision is to create a world in which resources are used in the best possible way - for joint success and a sustainable future.

We think sustainability goes beyond standards

Environment



Social

We see ourselves as a responsible member of global society. Through our corporate social responsibility programs, we aim to enrich the communities in which we live and work.



We want to be our customers' first choice for sustainable products and services that help them decarbonize their supply chain.

Scope 2	Scope 3	
sions that are a conseque from sources not own	nce of a company's activities but occur ed or controlled by it.	
ons.	Up and down thyssenkrupp value chain.	
Example caused by the generation ty that's used in the any's buildings.	Example When the company buys, uses, and disposes of products and services from suppliers.	
icity, steam, heating & cooling	Business Travel Purchased Goods & Services	
Reduction by 2030*	30% Reduction by 2030**	
	* compared with the base year FY17/18	

Governance

Transparency and accountability are cornerstones to our organization's practices. We stand up for ethical business and raise social standards in our supply chain through respectful collaboration and partnerships.

**compared with the base year FY16/17



Supply Chain Management

Supply chain management is a critical aspect of any business, encompassing the coordination and optimization of various processes involved in the production, distribution, and delivery of goods.

With our extensive experience and expertise, Ken-Mac Metals is uniquely positioned to assist businesses in **optimizing operations**, reducing lead times, and maximizing profitability.

We meet changing customer demands in material supply by using our supply chain knowledge to turn service into our new material. That's what we call **Materials as a Service**.

Supply Chain Management Services

JIT Delivery
Kanban
VMI - Vender Managed Inventory
Serving Customers throughout the USMCA region
Additional Value Added Processing
Multiple Year Contracts
Raw Material Metal Locks



Through our robust network of reliable suppliers and strategic partnerships, we can ensure a consistent and uninterrupted flow of materials that meet the highest quality standards. Our team of seasoned professionals meticulously handles each step of the supply chain process to minimize disruptions and maximize operational efficiency.

Whether it's sourcing materials, managing inventory levels, or streamlining distribution channels, we stand ready to assist our customers in navigating the complex landscape of supply chain management and driving sustainable success.

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