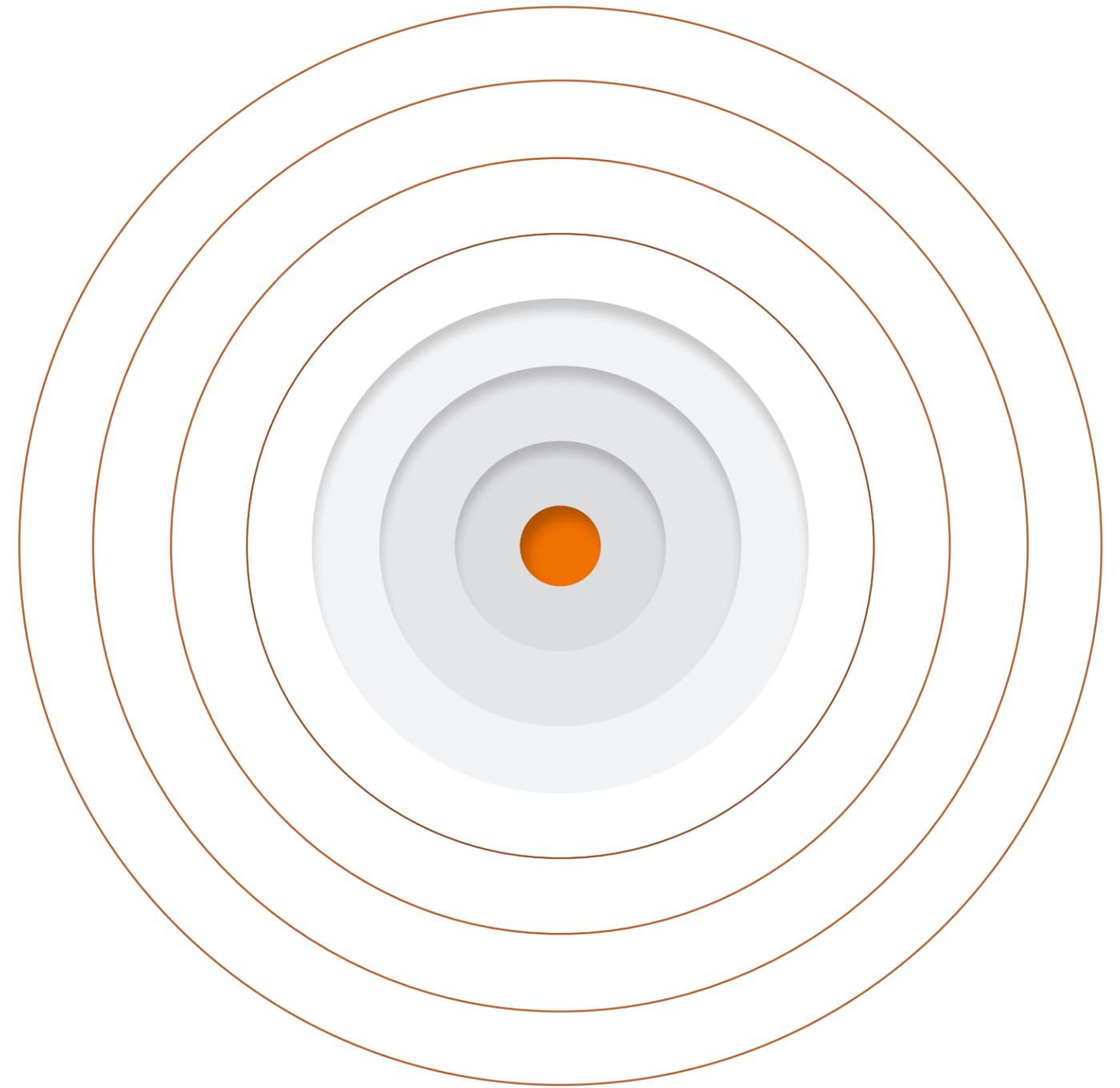




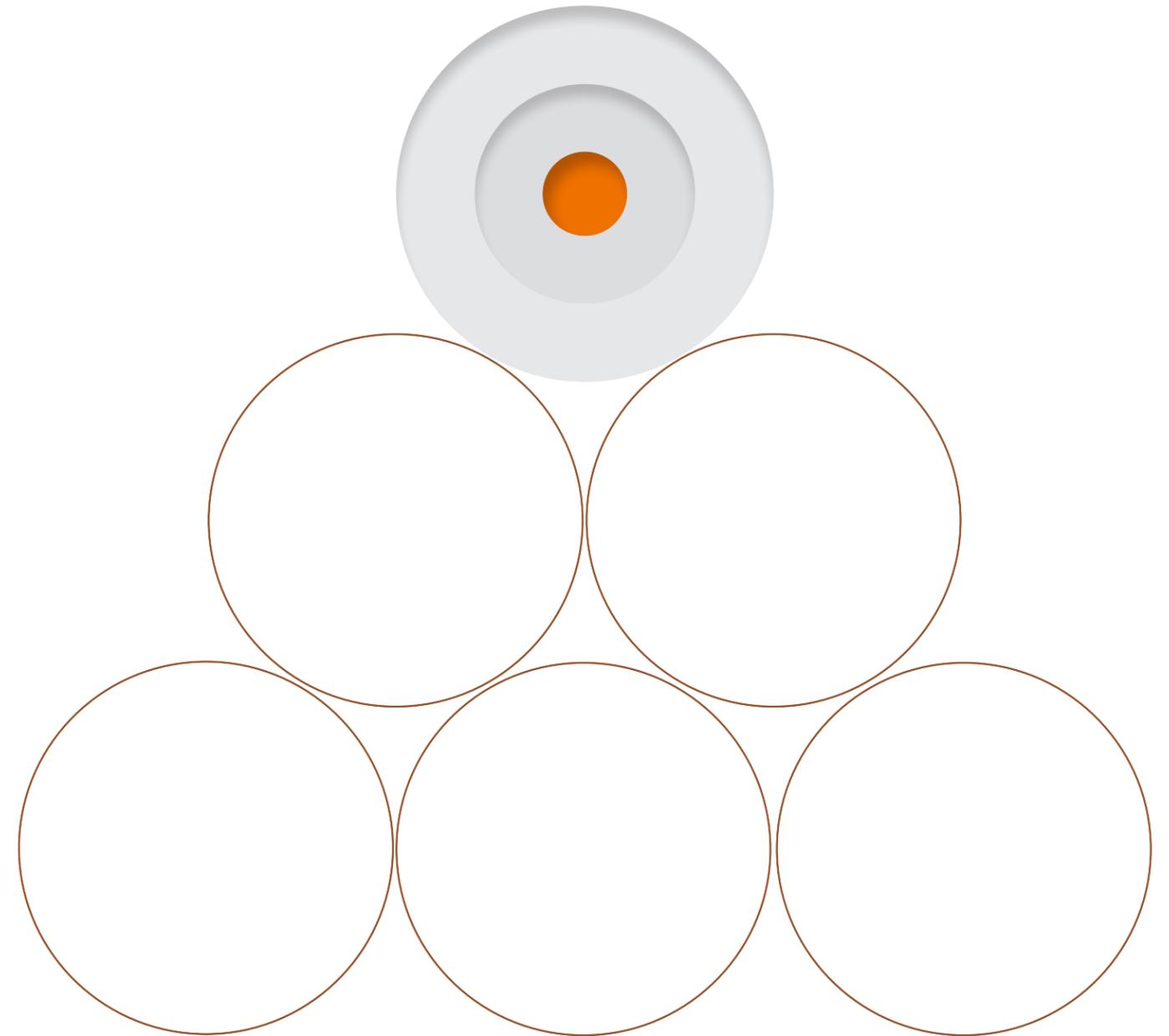
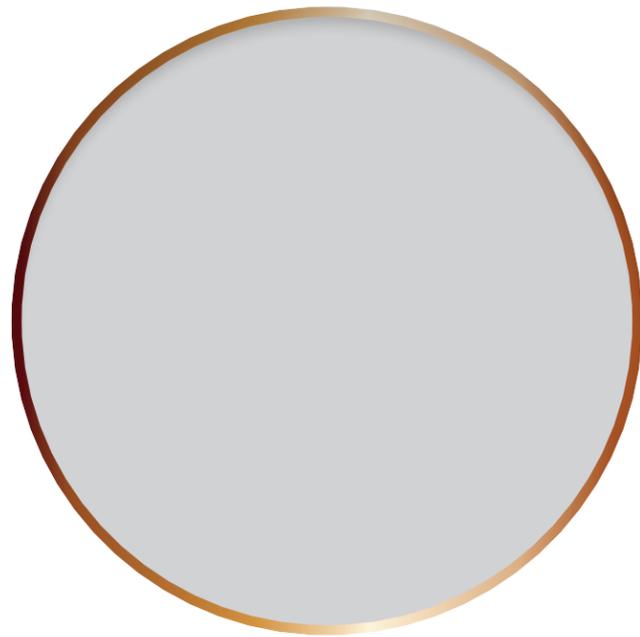
Premium Honesty

A Mueller Industries Company Profile

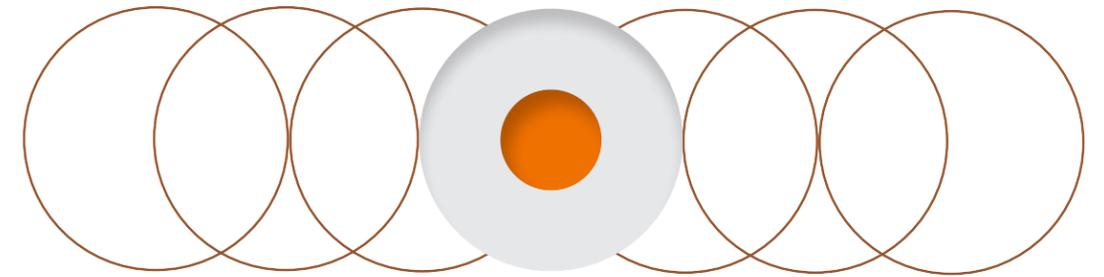
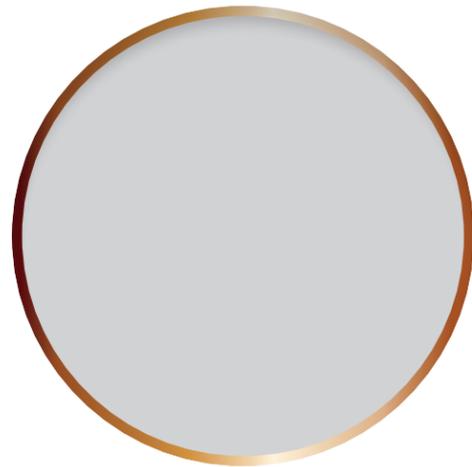
Distributing
quality



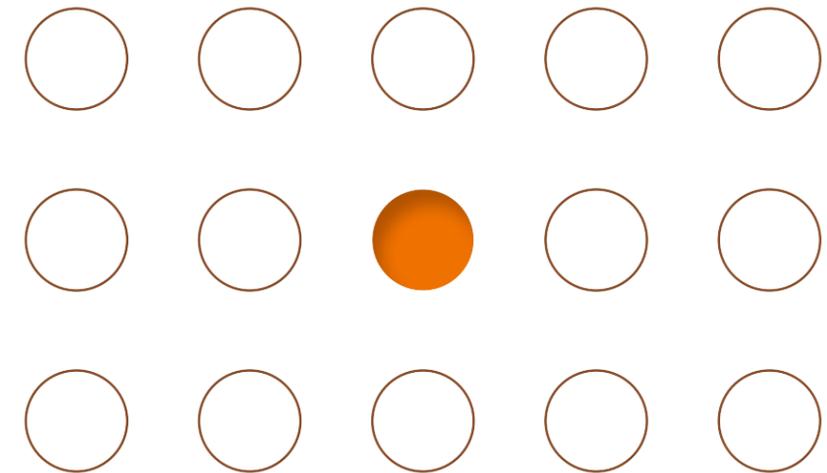
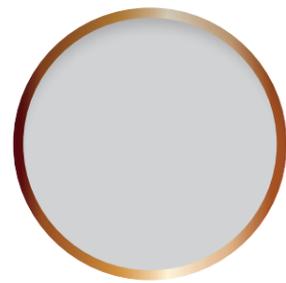
Foundation of
expert knowledge

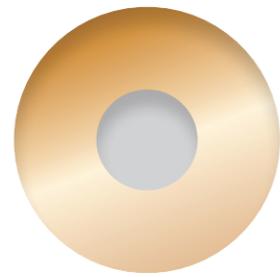


Forging relationships

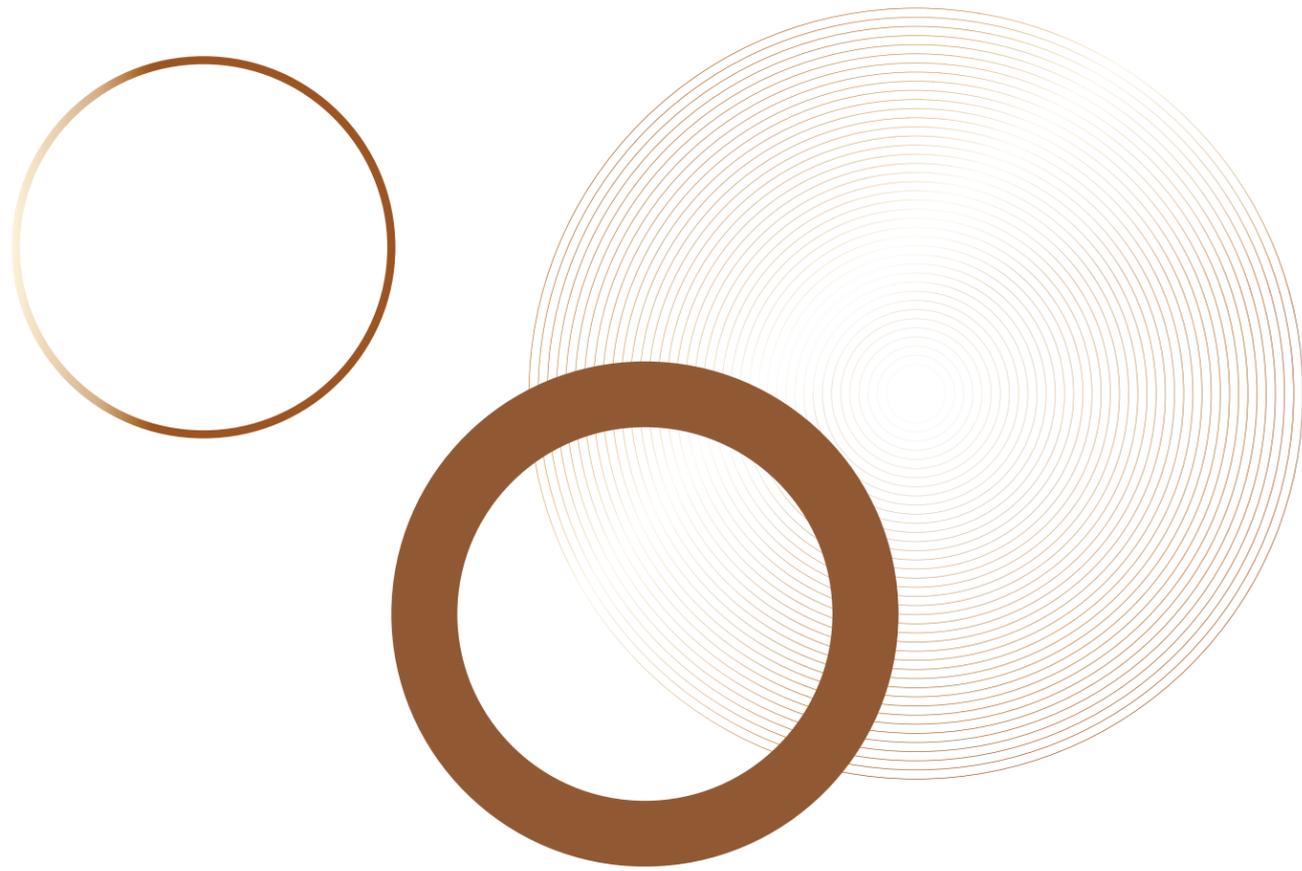


Our focus
is centered
on you





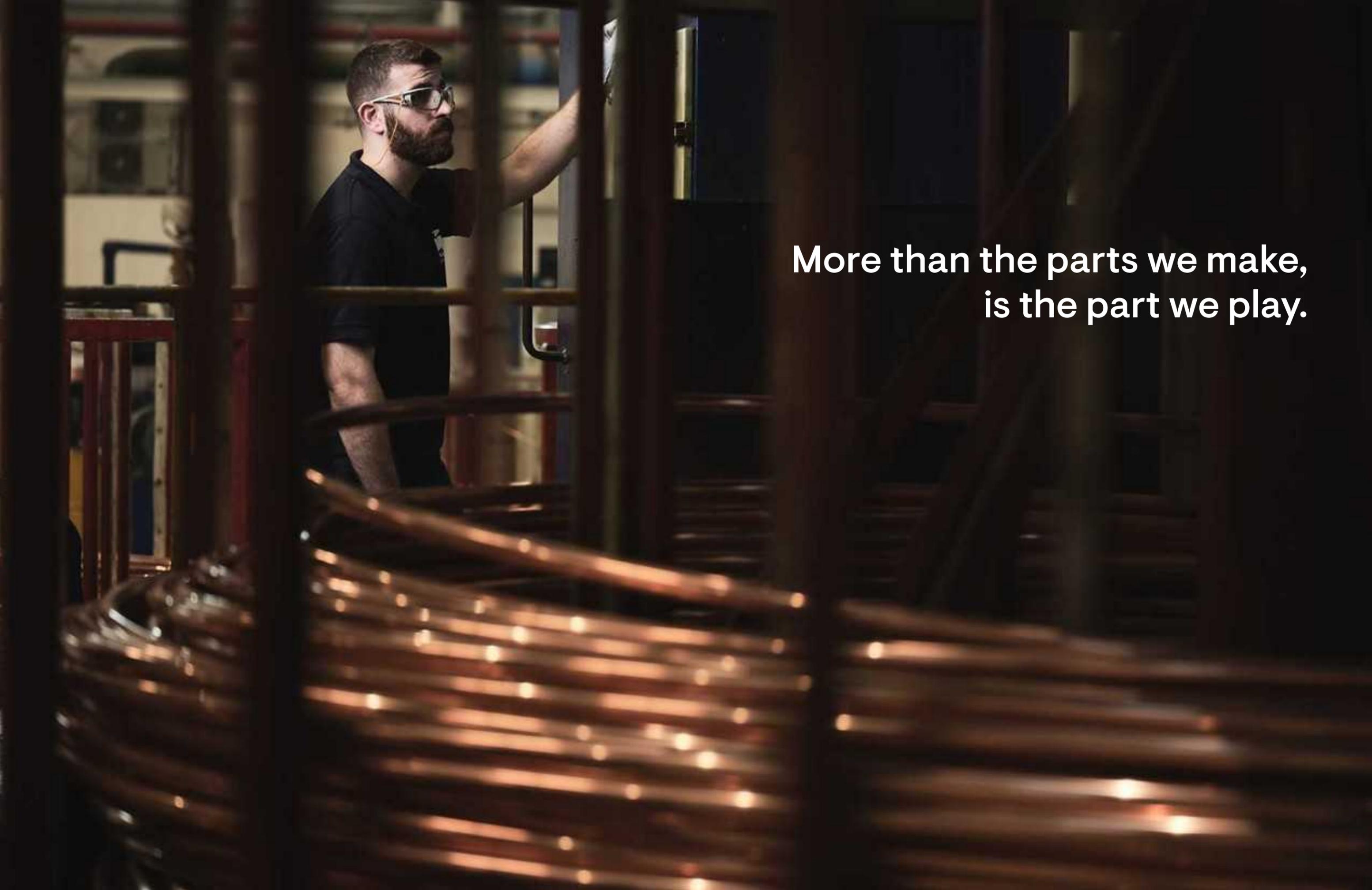
Number 1 premium
copper tube manufacturer
in the Middle East



Contents

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A man with a beard and safety glasses, wearing a dark polo shirt, stands in a factory. He is looking towards the right, with his right hand resting on a vertical metal post. In the foreground, there are large, stacked coils of metal, possibly copper or brass, which are slightly out of focus. The background shows industrial machinery and a dark, dimly lit environment. The overall mood is industrial and focused.

More than the parts we make,
is the part we play.

Introduction

WE ARE THE FIRST ISO ACCREDITED, PREMIUM COPPER TUBE MANUFACTURER IN THE GCC, PRODUCING QUALITY SEAMLESS COPPER TUBES OF DIFFERENT SIZES FOR HVAC/R APPLICATIONS.

Established in Bahrain in 2016, Mueller Middle East (MME) is the first of its kind, ISO accredited, premium copper tube manufacturer in the GCC. MME produces high quality seamless copper tubes of different sizes for HVAC/R applications. Our clientele include Original Equipment Manufacturers (OEMs) that operate worldwide. Mueller Middle East is the No. 1 choice supplier for local OEMs. Mueller Middle East's deliverance of the highest quality products, at a timely pace, is what made us the go to supplier in the region and worldwide.



Our Vision

To become the market leader and authority for innovative copper tubing products and solutions across the MENA region.

Our Mission

To add value to the HVAC industry and OEMs by providing quality product and unrivalled services to an increasingly wider range of customers.

Our Values – COMMITS

Collaboration & Teaming

We share success and challenges, together.

Objectivity

Seek facts, data driven decision making, recognize and correct for cognitive bias.

Move fast

Agility is a differentiator.

Meritocracy

Achieving personal and company objectives is rewarded.

Integrity & Ownership

Own and take pride in what we do. When we do something, we do it well.

Transparency

Be transparent, always speak the facts.

Safety

Is our priority and underpins everything we do every day.



OUR VALUES AND PEOPLE SHAPE **OUR CULTURE**

OUR SPECIALIZED TEAM OF DIVERSE BACKGROUNDS HAS BEEN HAND-PICKED AND TRAINED TO DELIVER THE HIGHEST QUALITY TUBES.

Our success is attributed to our highly-skilled team and a data-driven approach that provides you with the expert knowledge required to meet and exceed your business needs.

Our heritage is rich in providing premium products to HVAC/R applications within the region and worldwide. Fully supported by Mueller Industries Inc. (USA), Mueller Middle East has all the technical and commercial resources available to serve customers in an unparalleled manner. Along with our highly skilled technical team, Mueller Middle East provides our customers with the best premium product available and is preferred brand of OEMs.



MAKING A WIDER CONTRIBUTION

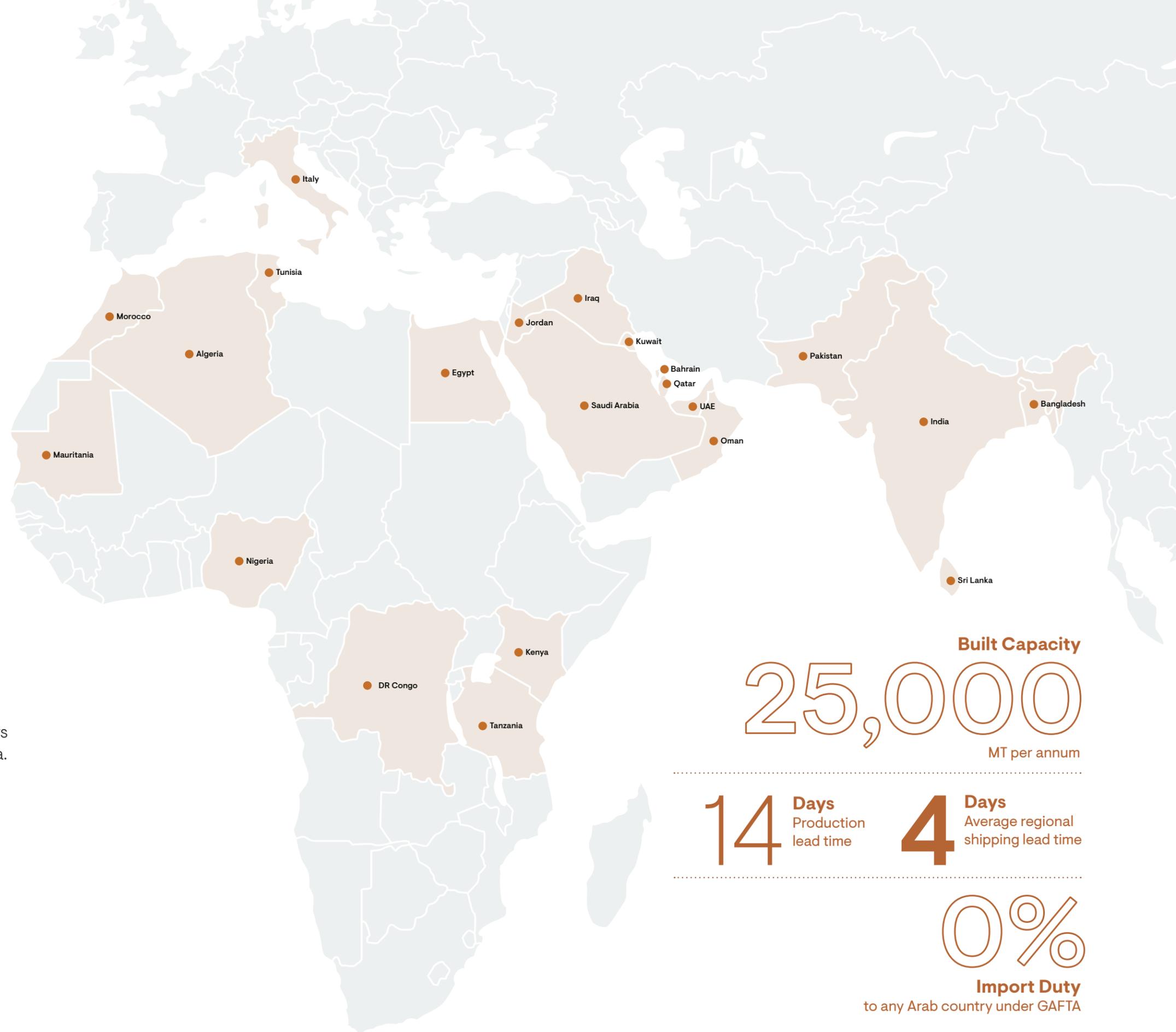
Local partners, Global leaders

Mueller Middle East is located at the heart of Bahrain's industry city in the Bahrain International Investment Park (BIIP). BIIP is located 5 minutes from both air and sea ports and on a direct route to the King Fahad Causeway which connects the island of Bahrain to the rest of the Arabian Peninsula. This strategic location and quick access to multiple modes of shipping ensures just-in-time delivery for customers.

Why it matters?

Our strategic location adds significant value to our customers in neighboring countries in the GCC, Levant, and North Africa.

- Shorter lead time than competitors
- Lower shipping costs
- Next day transit times by road
- Just-in-time delivery to reduce inventory cost
- Access to local and technical services & expertise
- Local time zone sales support



Built Capacity
25,0000
MT per annum

14 Days
Production lead time

4 Days
Average regional shipping lead time

0%

Import Duty
to any Arab country under GAFTA

Global leaders

Backed by 100 years of experience

Publicly traded on the New York Stock Exchange for over 100 years. Mueller Industries developed a reputation for excellence and premium grade products worldwide. Mueller Industries owns and operates manufacturing and distribution facilities worldwide, ranging from the United States, Canada, Mexico, and Great Britain.

Incorporated in 1917 in Port Huron, Michigan as Mueller Metals Company. Mueller Industries (MLI) is a multi-billion-dollar revenue company with a market capitalization of USD 2.44 billion. MLI provides wholesalers, retail distributors and OEMs around the world with a range of industrial products from one source.

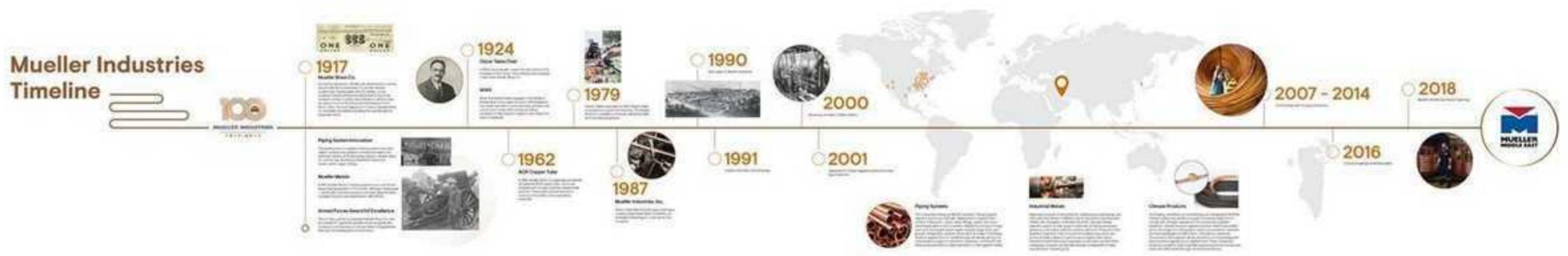
MLI is a global leader in the manufacturing and distribution of copper tube and fittings; brass and copper alloy rod, bar, and shapes; aluminum and brass forgings; aluminum and copper impact extrusions; plastic fittings, pipe and valves; refrigeration valves and fittings; and fabricated tubular products.

MLI has built itself a reputation for producing the finest quality products in the industry and have excelled in the development of new products and innovative manufacturing processes. With a global manufacturing footprint that continues to grow, Mueller Industries set its sight on developing a facility in the Middle East.

Mueller Middle East (MME) has been designed to develop and operate a commercial copper tubing manufacturing facility of 25,000 MT per annum in Bahrain to address local, regional and export market needs for copper tubing products. MME currently supplies end products to Air Conditioning and Refrigeration (ACR) original equipment manufacturers (OEMs), as well as, a full range of high quality Halstead refrigeration services coils for installation and after service sector, within the HVAC/R applications.

As a subsidiary of MLI, the team at MME has been greatly supported by our parent company who have provided us with a wealth of knowledge and experience in manufacturing seamless copper tubes in the Region. Even though MME is a new joiner to the region, the heritage that backs our company is one that has provided premium copper tubes to the HVAC/R industry worldwide.

FULLY SUPPORTED BY MUELLER INDUSTRIES INC (USA), MME HAS ALL THE TECHNICAL AND COMMERCIAL RESOURCES IT NEEDS TO BE THE #1 CHOICE COPPER SUPPLIER IN THE REGION AND INTERNATIONALLY. ALONG WITH OUR LOCAL/ REGIONAL EXPERTISE AND SERVICES MME PROVIDES OUR CUSTOMERS WITH HIGH QUALITY FINISHED PRODUCTS AND IS THE PREFERRED BRAND OF OEM'S.



Our Facilities

A continuously operating passage to success

With a facility in the most strategic location, Mueller Middle East delivers the highest quality products to all our customers at a timely pace that makes us the go to supplier for all OEMs in the region and worldwide.

30,000m²

Industrial Facility

Newest state-of-the-art copper tubing facility serving the region. Designed for efficiency and built to serve our customers.

Strategically located

Regional customers reap the benefits of having a regional supplier:

- ✓ Decreasing lead times
- ✓ Lower shipping costs
- ✓ Lower inventory costs

Well connected

With access to Bahrain International Airport, the new Shaikh Khalifa Sea Port and Saudi-Bahrain King Fahd Causeway





Our Partnerships

Set up in Bahrain to develop and operate a commercial copper tubing manufacturing facility of 25,000 MT per annum



Our Customers

We're an extension to your needs

BEING CLOSE TO OUR CUSTOMERS MEANS WE KNOW WHAT WORKS FOR THEM.

Mueller Middle East is part of several industry associations* which helps it gain access to timely and accurate market information.

High quality products along with superior customer service has established Mueller as dependable and trusted supplier to a global audience of wholesale, retailers and manufacturers across industries

Investment in industry helps it remain in touch with changing needs and demands of customers.

US OEM Customers



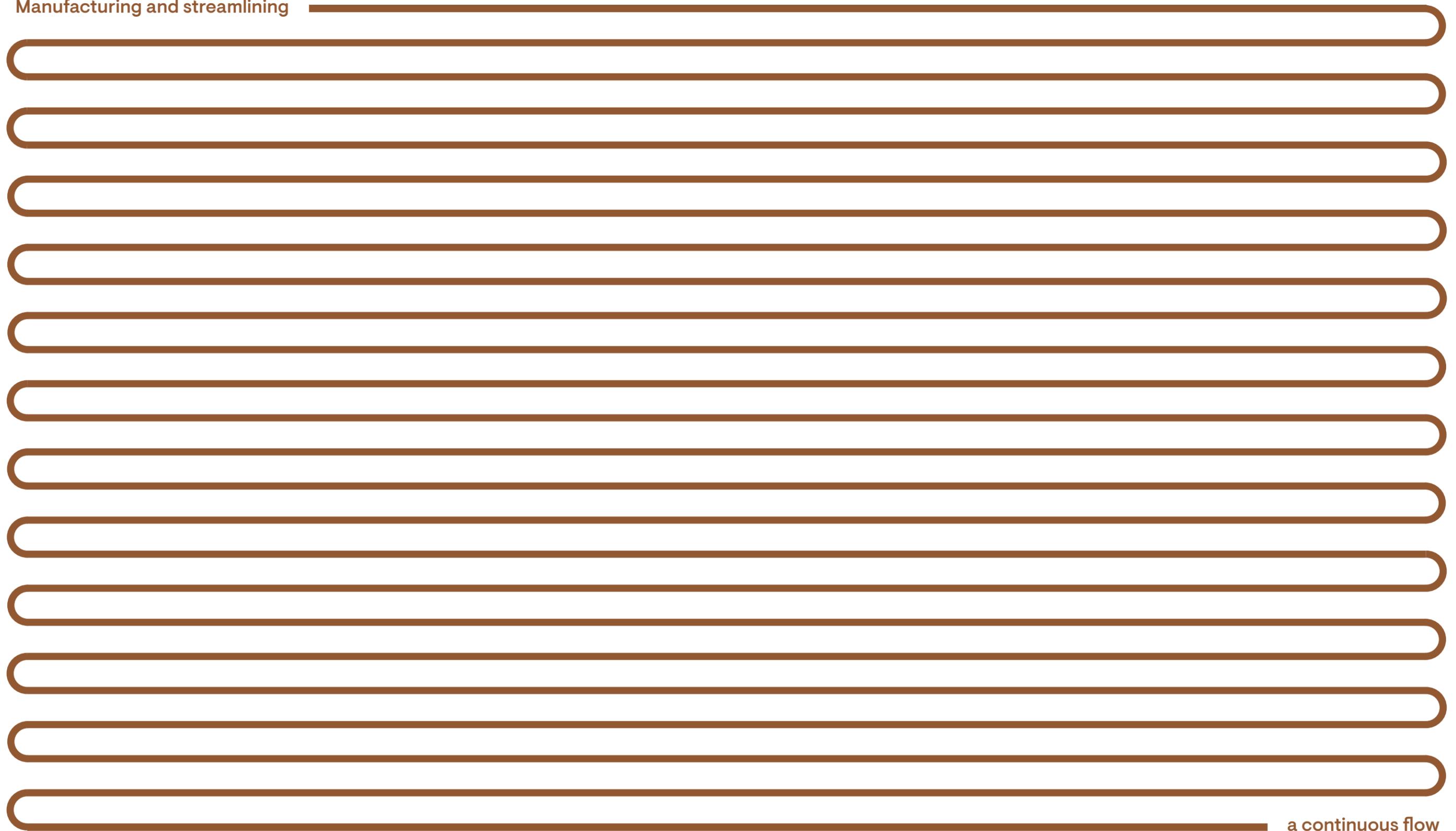
Regional OEM Customers



Key Regional Distributors



Manufacturing and streamlining

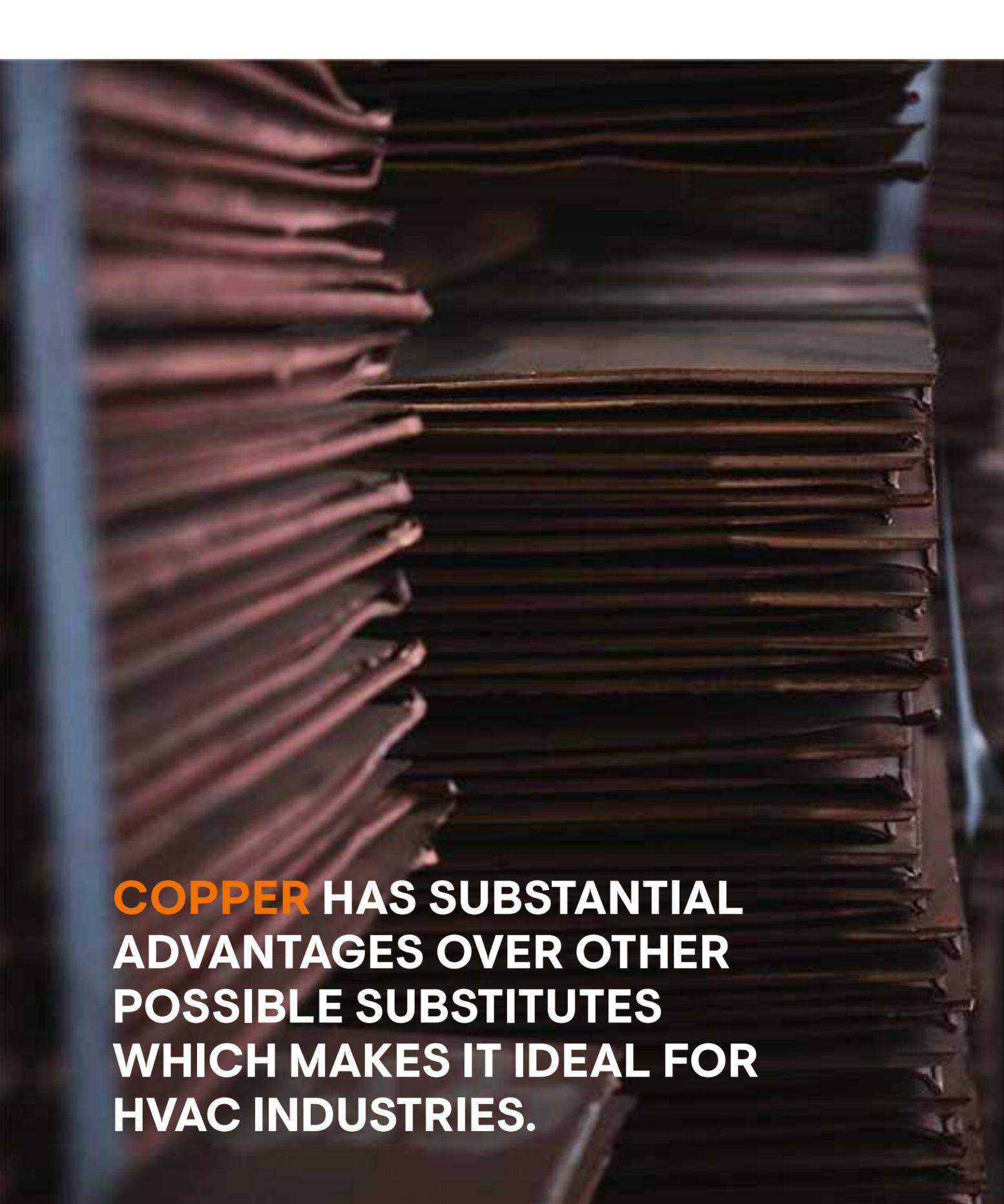


a continuous flow

Our Products

Mueller Middle East prides itself on being the premium HVAC/R copper tube manufacturer in the region. Our products range from customized tubes for our OEM partners to off-the-shelf refrigeration pancake coils for regional installations. With a keen focus on quality, Mueller Middle East ensures that we continuously deliver the highest quality products to our partners.





COPPER HAS SUBSTANTIAL ADVANTAGES OVER OTHER POSSIBLE SUBSTITUTES WHICH MAKES IT IDEAL FOR HVAC INDUSTRIES.

Why Copper?

Efficient: The combination of easy handling, forming, and joining properties of copper results in saving installation time, material, and overall costs.

Lightweight: Copper does not require the heavy thickness of ferrous or threaded pipe of the same internal diameter which results in savings on transportation, handling, and installation.

Formable: Copper can be drawn, bent, and formed which makes it possible to eliminate elbows and joints more frequently. Smooth bends permit the tube to follow contours and corners of almost any angle with substantially less space usage.

Easy to join: Copper can be joined with capillary fittings which save material along with providing smooth, neat, strong, and leak-proof joints. No extra thickness or weight is necessary to compensate for material removed by threading

Safety: Copper neither burns nor supports combustion and decomposition of toxic gases.

Long-lasting: Copper is excellent at resisting corrosion and scaling. It has high mechanical strength, high-temperature resistance, and a lifetime resistance to UV degradation.

Recyclable: Copper stands out as a material that can be recycled repeatedly without degradation in content or properties

Dura Grain™



Proprietary technology developed by Mueller Industries. That uses advanced metallurgical and spectrum analysis protocols to produce the highest-quality copper in the industry. DuraGrain™ ensures uniformity and durability of material—providing the highest level of strength and precision.

Dura Grain Advantages

- 100x Magnification
- Raw copper is refined to a purity of 99.9%
- Advanced metallurgy results in an optimum grain structure
- Continuous testing for quality and consistency

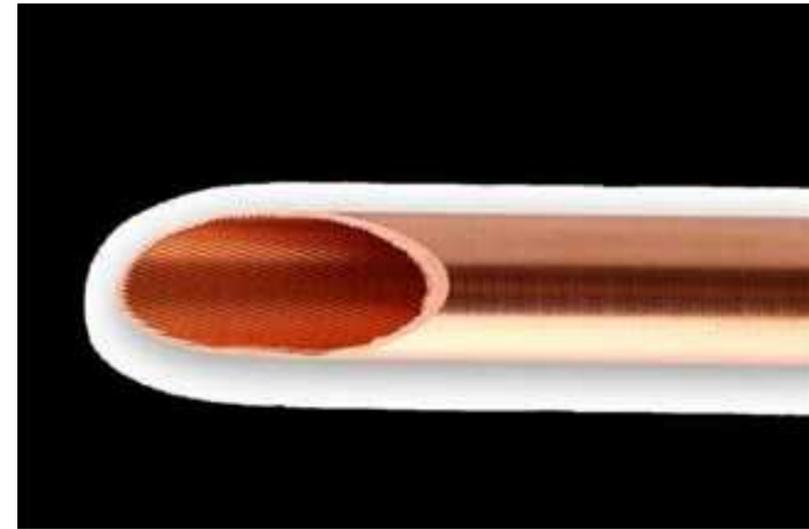


WE PROVIDE **TAILOR MADE** SOLUTIONS

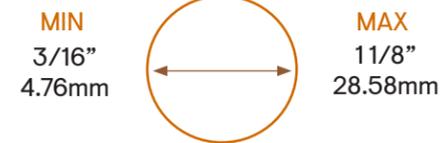


Level Wound Coils

All our tubes are high-quality, nitrogenized copper tubes for the HVAC/R industry. Both the Inner Grooved Tube (IGT) & Plain Bore Level Wound Coil (LWC) products are customizable to the following specifications.



Outside Diameters



Wall thickness from **0.22mm to 1.6mm**

Range of Grooving patterns



Range of annealing properties

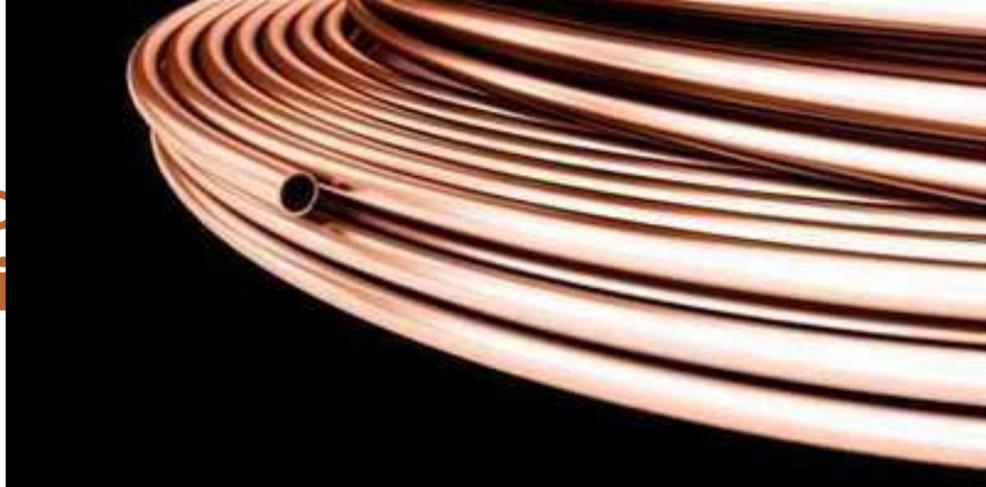
HARD	SOFT	LIGHT
H80	O60	O50

Range of packaging solutions

BULK COILS	SPOOL COILS
Eye-to-the-sky coils independently stacked with cardboard disc separators.	Eye-to-the-wall spool coils stacked with hub mounted wooden reels.



Halstead Refrigeration Service Coils



DESIGNED, TESTED, AND PACKAGED TO LAST.

Mueller Middle East's Halstead refrigeration service coils are designed to meet the demanding conditions of modern HVAC/R applications and refrigerants. Our coils are cast from the highest purity copper and manufactured to global standards.

Each coil is dehydrated, nitrogen purged, sealed with end caps, and shrink-wrapped individually to maintain high cleanliness from our factory to your job site. Our standards ensure long life expectancy for your HVAC/R system devices and equipment.



PREMIUM QUALITY YOU CAN TRUST



HIGHEST PURITY COPPER

- Produced in compliance with ASTM phosphorus deoxidized DHP UNS C12200 grade of copper (Cu > 99.9%, P 0.015%-0.040%).



SUPER CLEAN COILS

- Each coil is vacuumed and purged with nitrogen to obtain internal residue less than 0.0035 g/ft to provide maximum protection against harmful oxides during soldering/brazing.



OPTIMIZED FOR THE JOBSITE

- Suitable for Variable Refrigeration Flow (VRF) Systems and modern refrigerants, including R410A
- UL recognized to 700psi at 250 degrees Fahrenheit (in select sizes)
- Annealed to ensure easy field installation and tested for:
 - Elongation greater than >40%
 - Flaring expansion greater than >40% of outer diameter
 - Tensile strength greater than >205 MPa



RIGID AND SPACE EFFICIENT PACKAGING

- Each coil is marked with durable ink and labelled with a unique barcode for easy identification and traceability
- Unique rigid box design
 - Stackable 20 box high
 - 15% more space efficient
 - 360° identification

All our products comply with the following international standards:



HALSTEAD[®]

ASTM B743

Product Specification Table

Outer diameter and wall thickness is manufactured in accordance with ASTM B743

Type	Size (OD)		Wall Thickness		50ft/15.24m Coils			100ft/30.48m Coils		
	Inch	mm	Inch	mm	kg	lbs	Box Qty	kg	lbs	Box Qty
Soft Coil ASTM B743	1/4"	6.35	0.024"	0.610	1.50	3.31	10	3.00	6.62	5
	3/8"	9.52	0.024"	0.610	2.33	5.14	10	4.66	10.28	5
	1/2"	12.70	0.028"	0.711	3.66	8.07	5	7.32	16.14	3
	5/8"	15.88	0.028"	0.711	4.63	10.21	4	9.26	20.42	2
	3/4"	19.05	0.032"	0.813	6.36	14.02	3	12.72	28.04	2
	7/8"	22.22	0.040"	1.020	9.24	20.38	3	18.48	40.76	2

HALSTEAD[®]

ASTM B280

Product Specification Table

Outer diameter and wall thickness is manufactured in accordance with ASTM B280

Type	Size (OD)		Wall Thickness		50ft/15.24m Coils			100ft/30.48m Coils		
	Inch	mm	Inch	mm	lbs	kg	Box Qty	lbs	kg	Box Qty
Soft Coil ASTM B280	1/4"	6.35	0.030"	0.762	4.03	1.83	10	8.06	3.66	5
	3/8"	9.52	0.032"	0.813	6.69	3.03	10	13.37	6.07	5
	1/2"	12.70	0.032"	0.813	9.11	4.13	5	18.21	8.26	3
	5/8"	15.88	0.035"	0.889	12.53	5.68	4	25.06	11.37	2
	3/4"	19.05	0.035"	0.889	15.25	6.92	3	30.51	13.84	2
	7/8"	22.22	0.045"	1.143	22.75	10.32	3	45.49	20.63	2

Underwriter's Laboratories (UL) Recognition

To provide customers the highest level of assurance Mueller Middle East has implemented a third-party verification/recognition through Underwriters Laboratories (UL). The testing and third-party recognition validates performance of this product to operating pressures of 700psi at 250°F, in select sizes, as per the included table.



HALSTEAD[®]

ASTM B743

Size		Rated Internal Working Pressure (PSIG)			
O.D.(")	WALL(")	150°F	200°F	300°F	350°F
1/4	0.024	1,061	1,020	978	832
3/8	0.024	700*	700*	635	540
1/2	0.028	700*	700*	550	468
5/8	0.028	700*	700*	436	371
3/4	0.032	700*	700*	414	352
7/8	0.040	484	465	446	380

*UL Recognized to 700 PSI (select sizes)

HALSTEAD[®]

ASTM B280

Size		Rated Internal Working Pressure (PSIG)			
O.D.(")	WALL(")	150°F	200°F	350°F	400°F
1/4	0.030	1,195	1,125	938	703
3/8	0.032	836	787	656	492
1/2	0.032	700*	787	485	363
5/8	0.035	700*	700*	412	309
3/4	0.035	700*	700*	341	256
7/8	0.045	700*	700*	388	291

*UL Recognized to 700 PSI (select sizes)





Our Process

Our passion flows through everything that we do, at all stages.

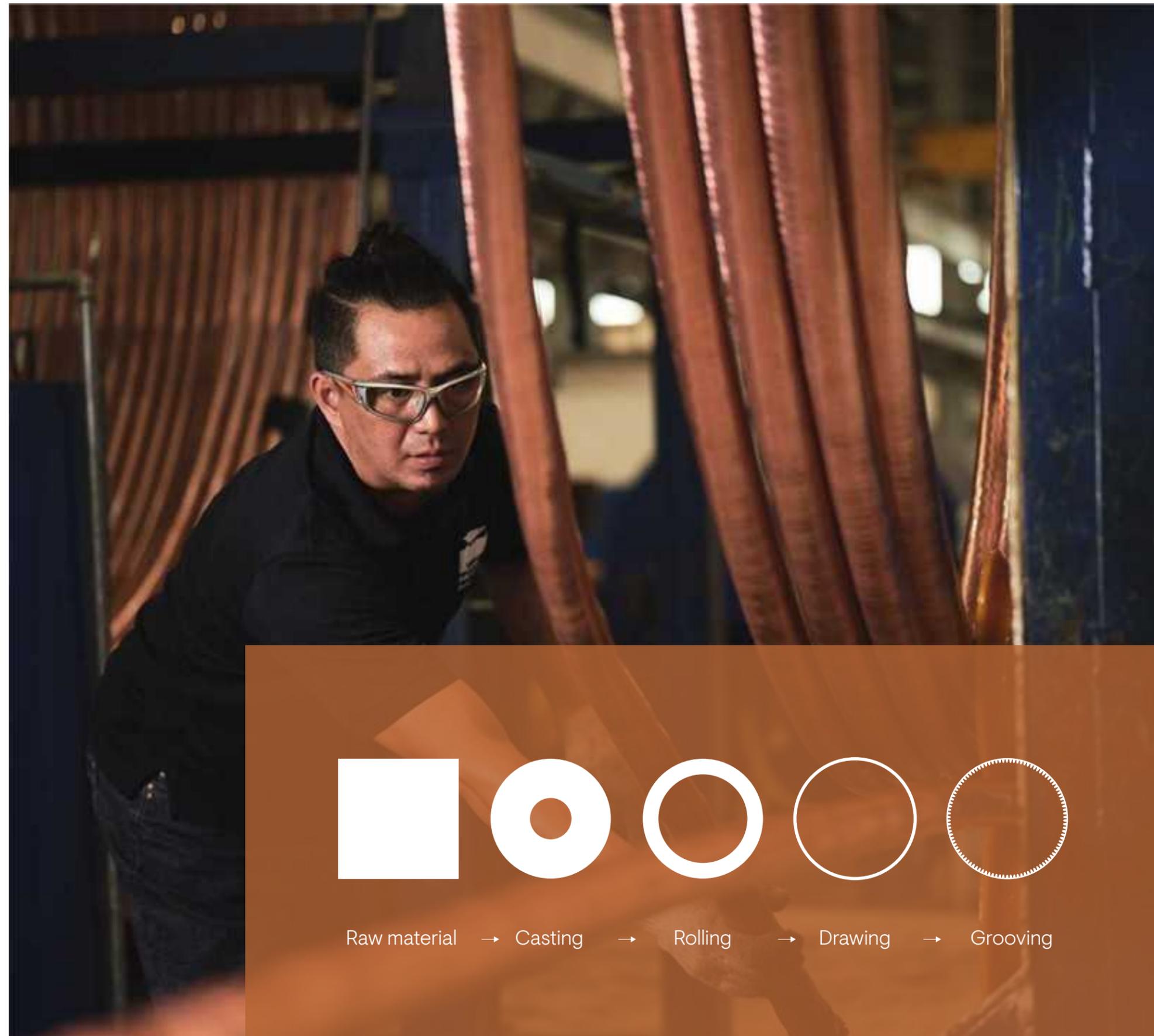
Cast & Roll Technology

A MODERNIZED APPROACH TO ENSURE HIGH-QUALITY CASTED SHELLS.

- ✓ Latest and best-in-class production process for high-quality copper tube
- ✓ Enables a higher degree of automation, increasing efficiency and lowering cost
- ✓ Provides good concentricity and homogenized grain structure
- ✓ Highly effective for the most demanding thin wall ACR copper tubes
- ✓ Reduces material waste compared to conventional processes

Cast and Roll vs Conventional Process

- Products produced have superior metallurgical properties
- Wastage of material is substantially reduced
- Quality of tube is well maintained
- Desired coil weight can be achieved



Raw material → Casting → Rolling → Drawing → Grooving

WE HAVE A RANGE OF PACKAGING SOLUTIONS TO ENSURE THE SAFETY OF YOUR PRODUCT EVERY STEP OF THE WAY.



Packaging

Bulk coils

Eye-to-the-sky coils are independently stacked with wooden disk separators and stretch wrapped onto a wooden skid.

Spool coils

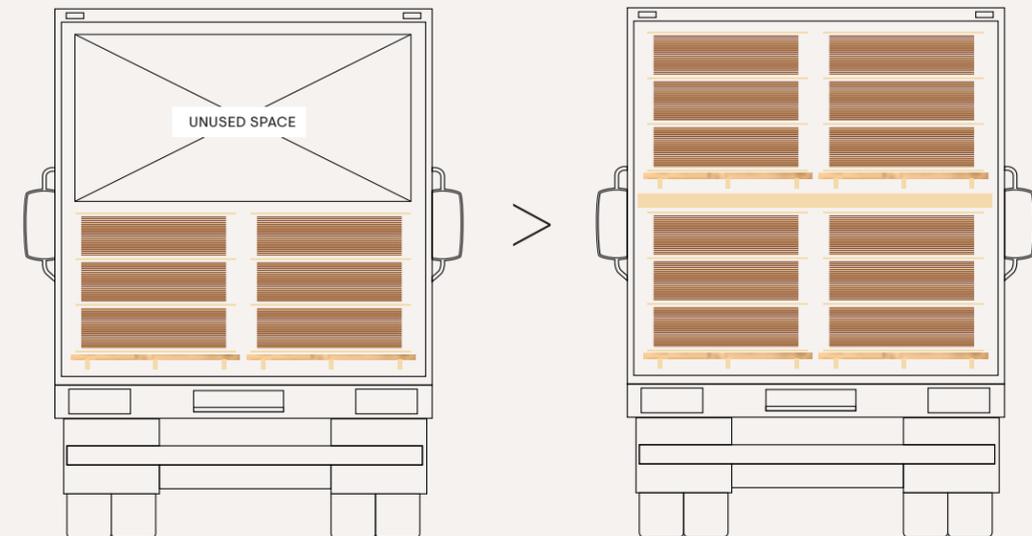
Eye-to-the-wall coils stacked with hub-mounted plastic reels and stretch-wrapped onto a wooden skid.

All our coils are:

- ✓ Packed as per customer requirements
- ✓ Range from 100kg to 350kg
- ✓ Nitrogen purged, pressurized, and sealed to maximize protection
- ✓ Packed to withstand moist and humid conditions to prevent risk of contamination

Double stacking solutions

At MME we are committed to delivering value to our customers. That is why we have identified a double stacking solution in order to reduce your trucking costs by more than 50%.



Your Current Trucking Method

9 Ton capacity per load

An inability to double stack coils for road transportation means your truck capacity is not utilized effectively.

Our New Double Stacking Method

18 Ton capacity per load Minimum

Box-truck modifications and proprietary lashing techniques allow us to maximise the weight per truck and cuts your costs. These measures have been tried and tested on a variety of road conditions.



Our Policies

COMMITTED TO UPHOLDING THE VERY HIGHEST QUALITY AND SAFETY CONTROLS TO DELIVER CONSISTENCY TO OUR CLIENTS.

Environmental and Safety Standards

The wellbeing of our employees and community is at the center of all that we do.

With the successful completion of the ISO 14001 (2015) accreditation process, Mueller Middle East upholds its commitment to maintaining an effective Environmental Management system. Building on this achievement, we are proud to also be certified to ISO 45001, reinforcing our dedication to occupational health and safety.

With safety at the heart of everything we do, MME ensures that both our environmental and workplace health impacts are continuously measured, reviewed, and improved. Backed by strong management support, our team is empowered to develop innovative solutions that drive sustainability, minimize risk, and contribute to a safer and more responsible future for all our stakeholders.

Quality Standards

Our passion flows through everything we do.

Mueller Middle East has been successful in the ISO 9001:2015 accreditation process. Through rigorous quality control procedures, we consistently strive to ensure the highest quality coils to our customers. At MME we offer a variety of tests and comprehensive inspections of our products that ensure we do right by our customers and deliver premium coils.



SHAPING THE FUTURE OF COPPER SOLUTIONS



Premium quality
you can trust.

Every day.



Building 1428, Road 1518,
Block 115, Al-Hidd
Kingdom of Bahrain

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