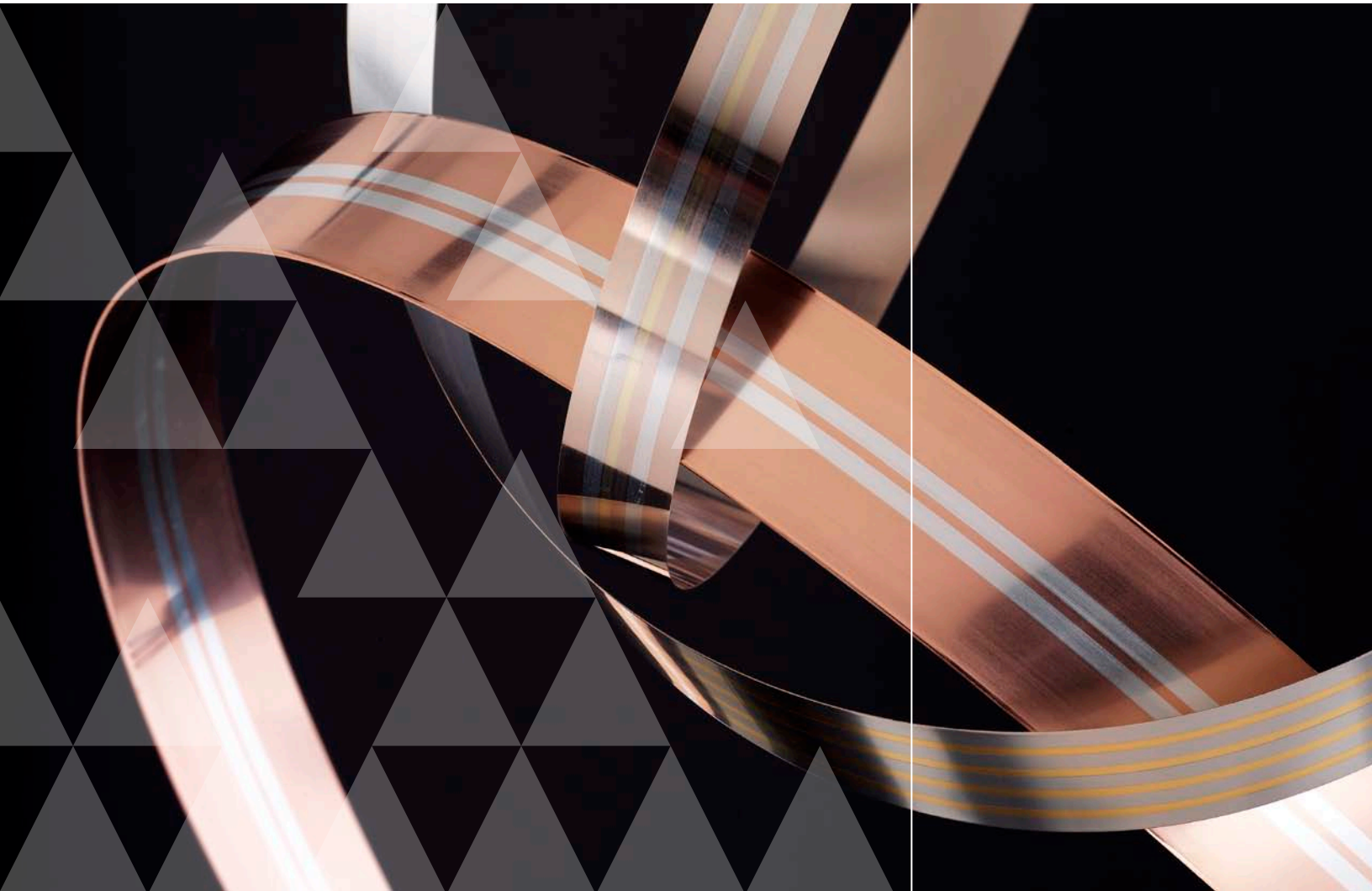




MATERION



**TECHNICAL
MATERIALS**

SOLUTIONS DELIVERED



We've changed our name but not our commitment to innovation. Brush Engineered Materials Inc. and all its business units are now **MATERION**. Under the Materion brand, **TECHNICAL MATERIALS** remains one of the world's leading resources for customized, high-performance specialty strip metal products. We have the expertise necessary to enhance our customers' breakthrough technologies with materials solutions far beyond the capabilities of single alloys available in the marketplace. These composite metal solutions enable new developments in the automotive and consumer electronics, medical, alternative energy and other technology-driven markets.



AN INNOVATOR WITH BROAD EXPERIENCE

For more than 40 years, Materion Technical Materials has been a leader in creating innovative materials solutions for customers going to market with next-generation telecom, solar, automotive electronics and other high-tech products. We collaborate with our customers to create specialty metal systems that help scientists and product engineers solve complex design challenges. With an extensive staff of metallurgists, over 100 work centers and six core processing technologies under one roof, Materion Technical Materials is the leading global resource for composite metal solutions.

CUSTOM METAL SYSTEMS

Rarely does a single alloy offer the range of diverse properties required by today's sophisticated electronic and electrical applications. Our clad metal process, electron beam welding, electroplating and related technologies offer designers the flexibility to meet today's performance challenges. Metal cladding, the process of joining dissimilar metals by applying high pressure without brazing alloys or adhesives, creates a system custom-engineered to the application. Because of our experience with virtually every base metal and cladding combination, we are able to help our customers optimize surface and core metal characteristics.

THE EXPERIENCE AND THE TECHNOLOGY

Materion Technical Materials creates innovative metals systems that enable new performance levels in a wide variety of high-technology devices. Whether the challenge is thermal, electrical or mechanical, we have the expertise to design creative new material combinations and one-of-a-kind technologies to bring those designs to market. We continue to reinvest in our process capabilities and can now claim the widest array of technologies available under one roof in any single-metal fabrication facility: the most precision mills, the tightest tolerancing and the broadest array of custom-built process equipment. We have not only improved upon existing methods to help reduce cost and assure reliable performance of many sophisticated end-products, we are pioneering new techniques in composite metal production to expand design options and create previously unattainable metal combinations.

UNMATCHED FLEXIBILITY AND AGILITY

At Technical Materials we don't have a catalog of products; we create innovative custom solutions for global market leaders. We design materials, fabricate prototypes and get samples into your hands quickly with the primary focus always being quality and performance. We also provide gold reclamation services, as well as global sales and technical support, drawing on the extensive advanced materials expertise of the worldwide Materion organization. Our product solutions can be found in a broad variety of technology-driven industries – including automotive electronics, medical, alternative energy and consumer electronics – and we continue to expand into new emerging markets.

PRIMARY MARKETS SERVED

- Automotive Electronics
- Solar
- Medical
- High-performance Battery
- Consumer Electronics
- Fuel Cell
- Defense

PROCESS CAPABILITIES

- Overlay / Inlay Cladding
- Electron Beam Welding
- Electroplating
- Solder Coatings
- Contour Profiling
- Parts Fabrication
- Gold Recovery

OVER 100 REEL-TO-REEL WORKCENTERS

- 16 Rolling / Bonding Mills
- 11 Plating Lines
- 35 Heat Treating Lines
- 12 Cleaning / Brushing Lines
- 17 Levelers / Slitters
- 5 EB Weld Lines
- 8 Milling / Skiving / Grinding Lines
- 5 Solder Coating Lines

THE COMPOSITE METAL TECHNOLOGY LEADER

Technical Materials is the acknowledged worldwide leader in composite metal technology and materials production.

6 CORE METAL PROCESSING TECHNOLOGIES

We can mix and match technologies to find the best solution for your product. With our capabilities including cladding, inlay, electroplating, electron beam welding, profiling and solder coatings, the design options are endless.

300+ DIFFERENT ALLOYS PROCESSED

Active products include copper, nickel and aluminum alloys, steels, precious metals, refractory metals and other specialty alloys in combinations designed for high performance.

24/7 OPERATIONS

We are there to support your business when you need it most.

42+ YEARS OF EXPERIENCE

Our expert staff constantly pursues taking a good product and making it perform better. They know the importance of delivering innovative new designs to market faster.



MATERION

TECHNICAL MATERIALS LOCATIONS

Main Office and Manufacturing Facility
Lincoln, Rhode Island

U.S. Sales / Technical Support

Aurora, Illinois
Lincoln, Rhode Island
Mineola, New York
 Mooresville, Indiana

International Sales / Technical Support

Europe

Besancon, France
Madrid, Spain
Milan, Italy
Stuttgart, Germany

Asia

Hong Kong
Seoul, Korea
Shanghai, China
Singapore
Tokyo, Japan

ABOUT MATERION

Materion is the new name for Brush Engineered Materials Inc., its Technical Materials business and all of the company's businesses worldwide. Materion is among the world's premier providers of advanced materials solutions and services. Now under the one Materion brand, we are better aligned to deliver a broader scope of products, services and expertise needed to drive our customers' growth and profitability and become their first choice in a partner. Materion Corporation common stock trades on the New York Stock Exchange under the symbol MTRN.

MATERION BUSINESSES

Advanced Chemicals	Electrofusion
Barr Precision Optics & Thin Film Coatings	Large Area Coatings
Brush Beryllium & Composites	Microelectronics & Services
Brush Performance Alloys	Natural Resources
Ceramics	Technical Materials

TECHNICAL MATERIALS

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