



mtc[®]

GERMANY / HONGKONG / KOREA

TAILORED **EMC & THERMAL** SOLUTIONS

THE TEAMWORK FACTOR

PEOPLE MAKE THE DIFFERENCE

As a specialized full-service provider of EMC shielding materials and thermally conductive products (TCP) we have made an international name for ourselves. For more than 25 years, our customers have appreciated the consistently high product quality as well as the personal commitment and know-how of our team – from professional consulting to customer-specific development and intelligent logistics. Take advantage of our teamwork factor!



CEO
Matthias
Kronmüller



CEO Sales & Marketing
Matthias
Meyr



/ EXCELLENT SERVICE

/ HIGH CUSTOMER ORIENTATION

/ RELIABLE QUALITY

/ GLOBAL PRESENCE

/ HEALTHY GROWTH

/ SOCIAL COMMITMENT

“ Innovative approaches with a clear focus on quality and customer orientation allow the company to grow sustainably, which ensures the long-term development of MTC.

“ Our long-standing success in the market is based decisively on our customer proximity. This enables us to respond optimally to the requirements and offer suitable solutions.



mtc EMC & THERMAL SOLUTIONS The MTC Micro Tech Components GmbH was founded in Germany in 1992. Today, MTC supplies tailor-made EMC and TCP products to international customers in various high-tech industries.

emci EMC & THERMAL SOLUTIONS EMC Innovation Co., Ltd., based in Incheon (South Korea), has been manufacturing fabric and foil-over-foam gaskets according to UL94-V0 standard for MTC since 2005.

discoverIE Since 2011, MTC has been a stand-alone company within the discoverIE Group plc, a leading worldwide supplier of customer specific industrial electronic products.

SERVICE – VERY PERSONAL

CUSTOMER-ORIENTED AND COMPETENT

As a preferred supplier and long-term partner of well-known international customers, the team of MTC has comprehensive expertise and experience in the complex field of »electromagnetic compatibility and thermal management«. Benefit from our personal and highly qualified service, which is always focused on our customers' demands.

■ Consulting and design-in

We are your competent design-in partner offering professional technical advice, customized solutions and flexible support.

■ Individual product development

A standard product can't fully meet your requirements? No problem! We develop and produce tailor-made solutions for you.

■ Fast response times

Our worldwide service network and our own production facilities allow us to react quickly and flexibly to your requests.

■ Sampling service

In addition to fast sampling of standard products, you get manually produced samples for individual materials before the tools are made.

“ For the comprehensive support of your demanding projects, MTC provides a professional team of specialized engineers and client advisors for you. Together we will find the best solution for your specific application!

DEVELOPMENT

PERFECTION IN DETAIL

In addition to the extensive range of standard products, we also offer the complete development and production of individual customer solutions. We develop, design and finalize your customized product with the aid of modern 3D technologies.



International certifications



ISO 9001
certified

ISO 14001
certified

REACH
compliant

RoHS
compliant

UL94
certified



EMC & THERMAL MANAGEMENT

TAILORED SOLUTIONS FROM MTC

EMC shielding materials protect sensitive electronic circuits and the environment from electromagnetic radiation and interference fields. In addition we offer TCP products for achieving optimal heat dissipation from the system.

EMC SHIELDING MATERIALS



At MTC you can choose from a particularly wide range of high-quality EMC materials for the electromagnetic shielding of electronic devices, rooms and high-tech systems in almost every demanding field of application.

EMC METAL PARTS



For bridging housing parts as well as for closing and shielding gaps, we offer you a large number of contact springs in a wide variety of designs and dimensions as well as metal housings for shielding components directly on the printed circuit board.

THERMALLY CONDUCTIVE PRODUCTS



To ensure an optimal heat dissipation from components to the heat sink, we offer you thermally conductive products that fill or compensate air gaps and surface irregularities. Thus, affected modules are protected from overheating.

PRODUCTS OUR PORTFOLIO

- Fabric/foil over foam gaskets ◀
- Hollow chamber-, clip-on-, EPDM-profiles ◀
- IP/EMC gaskets (combi gaskets) ◀
- Customer-specific punched parts ◀
- Conductive foam ◀
- Conductive fabrics and fleeces ◀
- Conductive elastomers ◀
- Knitted wire gaskets ◀
- Conductive tapes ◀
- Shielded windows ◀
- Honeycomb vent panels ◀
- Microwave absorbers ◀
- Contact springs ◀
- SMD contact springs ◀
- SMD contact pads ◀
- Board level shields and shielding clips ◀
- Thermally conductive paste ◀
- Thermally conductive gap filler ◀
- Thermally conductive adhesive tapes ◀
- Thermally conductive insulators ◀
- Thermally conductive phase change material ◀

ACROSS ALL CONTINENTS

MTC DELIVERS TO OVER 44 COUNTRIES

With our global sales network, a sales office in Hong Kong and production plants in Germany and South Korea, we will continue to expand our worldwide presence in the future - with short delivery times and first-class service.



>10 million

Euro sales per year

76 million

Parts per year

5.700

Shipping orders per year



INDUSTRIES TARGET MARKETS



Automotive



Railway



Lighting



Banking terminals



Industry



Medical



Energy



IT systems



Telecommunication



Military & avionics



Enclosures & cabinets



Measurement & control systems



Consumer electronics



“ Our very efficient in-house logistics enables a fast order processing with short delivery times for standard EMC and TCP products.

QUALITY CREATES TRUST

FROM PROTOTYPE TO SERIES

The certified quality management according to ISO 9001:2015 and permanent incoming / outgoing goods inspections ensure the consistently high quality of our products. We are aware of the great confidence customers have in our products all over the world. For us, this is both commitment and incentive.

High production quality

Selected raw and base materials are processed carefully and environmentally friendly into our EMC and TCP products. The production is based on highest industrial quality standards.

Strict quality assurance

A consistent and strict control of quality standards takes place both at the production site and within the scope of our comprehensive in-house quality assurance.

Initial sample test report

Before production starts, initial samples have to pass a target-actual analysis based on design and measurement data. The test report serves as a basis for the serial production.

High-precision measuring

We have high-precision measuring, testing and control technology for mechanical and optical measurement of test pieces for material quality and size accuracy.



FORCE-DISPLACEMENT MEASUREMENT

“ You can trust fully in the very high reliability of our products. The entire team of MTC invests a lot of time and effort into this promise of quality!



OPTICAL MEASURING EQUIPMENT



MTC Micro Tech Components GmbH

Hausener Straße 9
89407 Dillingen / Donau
Germany

Telefon +49 (0) 9071 7945-0
Fax +49 (0) 9071 7945-20
Email info@mtc.de
Web www.mtc.de



www.mtc.de/en