



YOUR FURNITURE DESERVES IT!

Edgebanding in ABS and PP.
Quality made in Germany since 1991.



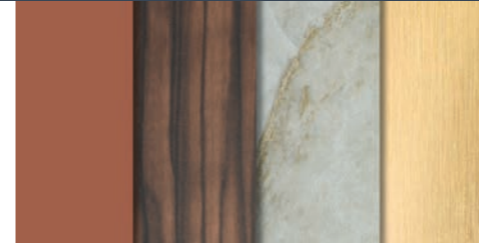


ALPHA-TAPE®

Our brand – made in Germany

For more than 30 years MKT - based in Ohrdruf, Thuringia - stands for in-depth expertise in the development and production of thermoplastic edgebanding branded ALPHA-TAPE®. It is our aim to continuously improve the interplay of decor, embossing and gloss level and thus the “natural” effect of our edges. With a view to current trends in the furniture industry this aim applies especially to domestic and exotic woods, as well as increasingly to stone, metal and fantasy decors. Each edgebanding solution contains the experience of

thousands of already matched decors and colors with a multitude of printing structures and surface finishes. This way our customers get the certainty to always receive ALPHA-TAPE® edgebanding that is perfectly matched to its pattern.



Our ALPHA-TAPE® range includes different designs with more than 12.000 printed decors e.g. wood, stone and fantasy reproductions as well as over 6.000 plain decors. We use gravure and digital printing processes to reproduce expressive decors and colors.

DESIGNS

- UN/UL – Plain colors
- HR – Wood, stone and fantasy reproductions
- ME – Metal Effect
- MTUN – Metallica
- MP – Metallic Pro
- BC – Bicolor



The haptic effect of decors and colors is additionally enhanced with the help of authentic and characteristic embossing. We offer more than 40 embossings from “fine” to “rough”, which are based on current and future trends.

EMBOSSINGS

- Smooth textures
- Pearl textures
- Wood textures
- Stone textures
- Creative textures



Refined lacquer finishes absolutely meet today's trends and will continue to gain in importance. At the same time, the demands on the surfaces and robustness of edges are constantly increasing. With our ALPHA-TAPE® refinements, we offer the perfect solution for every application.

SURFACE REFINEMENTS

- SM – Soft Matt
- EM – Excellent Matt
- EG – Excellent Gloss
- GL – Gloss 90
- EE – Excellent Effect
- NE – Natural Effect



PRODUCTION

Large quantities at short notice

Thanks to our calendaring method, we produce wide jumbo rolls up to 1.350 mm, which can be slitted precisely and with millimeter accuracy according to the requirements of our customers. It is possible to combine different widths from

12 to 405 mm and choose thicknesses from 0.4 to 3.2 mm. With this unique and efficient production process, we are able to avoid frequent tool or extruder changes and produce large quantities of ALPHA-TAPE® edgebanding in a short

time - without any differences in color, embossing or gloss grade within the same decor.

ISO
CERTIFIED
ACCORDING TO
DIN EN ISO
9001:2015

To produce ALPHA-TAPE®, we use high-quality and specially tested plastics on modern extrusion lines. During and after production, we subject our edgebanding material to strict quality controls. At several stations, we analyze and evaluate relevant test criteria such as print image, material properties, primer application and color. All recorded data is documented electronically and ultimately collated in

our quality assurance department. In this way, we ensure a consistently high level of quality and guarantee the optimal processing of ALPHA-TAPE® edgebanding.



LOCATIONS

- 2 production sites
- 80,000 sqm ground area
- 28,000 sqm production area
- 16 production plants
- most modern slitting center worldwide

CAPACITY

- Production volume of approx. 384,000 running km/year (corresponds to the distance from the earth to the moon)
- Semi-continuous production with a rolling 3-shift system and approx. 250 employees

METAMERISM

- metamerism-free color series
- no problems when switching from simulated daylight (D65) to simulated office light (L84)



CERTIFIED HIGH QUALITY PLASTICS

The future belongs to PP

ALPHA-TAPE® is available in ABS and PP for conventional processing using hotmelt technology. In addition, special edgebanding solutions are available for alternative application forms, e.g. using zero-joint technology, as well as edgebanding made from sustainable raw materials such as WPC (wood plastic composite) and PP Rec (contains over 50% PCR recycle).

ABS ACRYLNITRIL-BUTADIEN-STYROL

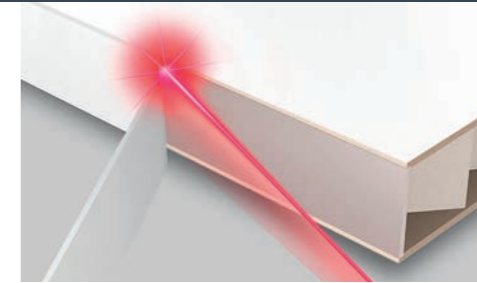
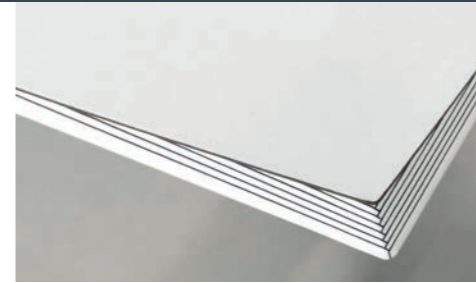
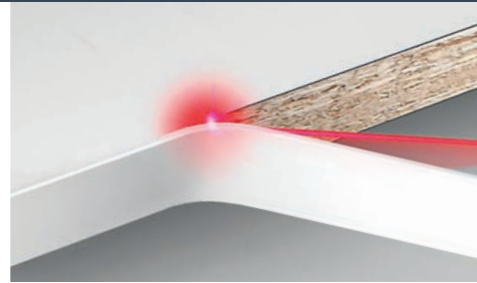
ABS is a copolymeric, thermoplastic material that has already been used in the furniture industry for over 50 years. The specific combination of individual monomers results in a particularly impact-resistant, mechanically and thermally highly resilient plastic. At the same time, ABS impresses with its very good printability, varnishability and polishability and is therefore ideal for the production and further processing of edgebanding.

PP POLYPROPYLEN

PP is a semi-crystalline, thermoplastic material that is currently experiencing the strongest growth worldwide. In addition to its primary use in films and packaging materials, PP is also becoming increasingly important in the production of furniture and edgebanding. This is mainly due to the material's high environmental compatibility and recyclability as well as its many positive material and processing properties: PP is low in stress whitening, has a low specific weight, is flame-retardant and more resistant to UV light and chemicals.

| MATERIAL COMPARISON | PVC* | ABS | PP | WPC |
|----------------------------------|------------------------|-----|-----|-----|
| Chemical resistance | ●●● | ●○○ | ●●● | ●●○ |
| Density | ●○○ | ●●○ | ●●● | ●●● |
| Tensile and impact strength | ●○○ | ●●● | ●●○ | ●●○ |
| Damping behaviour | ●○○ | ●●○ | ●●● | ●●● |
| Stress whitening | ●●○ | ●○○ | ●●● | ●●● |
| UV light resistance | ●●● | ●●○ | ●●● | ●●● |
| Varnishability and printability | ●●○ | ●●● | ●○○ | ●○○ |
| Polishability | ●●● | ●●● | ●●○ | ●●○ |
| Electrostatic charging | ●●● | ●●○ | ●○○ | ●○○ |
| Thermal resistance and stability | ●○○ | ●●● | ●●○ | ●●○ |
| Flame-retardant properties | ○○○ | ●●○ | ●○○ | ●○○ |
| Environmental sustainability | ○○○ | ●○○ | ●●○ | ●●● |
| Price | * We do not offer PVC. | ●●○ | ●●● | ●●○ |

Legend: ●●● very advantageous ●●○ advantageous ●○○ less advantageous ○○○ not advantageous



Certified to UL 94-V-0 test standard

ALPHA-TAPE® FLEXIBLE

With ALPHA-TAPE® FLEXIBLE, we have developed an extremely resilient and highly flexible edgeband that can be formed in two dimensions, similar to a wrapping foil. It is suitable for various softforming applications such as doors, grips or molded furniture parts and offers a wide freedom of design with different shapes of edging solutions without breaking or causing unsightly bending discoloration (stress whitening).

ALPHA-TAPE ZERO®

ALPHA-TAPE ZERO® can be used for all currently available zero-joint technologies without specific modification. Based on the ALPHA-TAPE® PP edgeband, it has a color-matched, coextruded functional layer that bonds perfectly with the substrate material using laser, hot-air or NIR, in throughfeed technology or on CNC/BAZ systems, creating an invisible and seamless transition. Conventional adhesion promoters or adhesives are unnecessary during processing.

ALPHA-TAPE ZERO® MULTILAYER

ALPHA-TAPE ZERO® can be fully welded with our conventional ALPHA-TAPE® PP edgebanding and with itself. It is possible to process multiple, fully-welded layers on top of each other and the edging result will still remain even and homogeneous. Even intentionally chosen color differences or contrast changes can be realized by using different colored edges or functional layers. Customized edging solutions starting at lot size one can be created, which at best have previously been realized by special profiles.

ALPHA-TAPE ZERO® HONEYCOMB

Thanks to the positive characteristics of ALPHA-TAPE ZERO® and its functional layer (firm, co-extruded, nonadhesive, colour-consistent) it is also possible to use this product for the edging of PP-honeycomb panels (lightweight construction components) with the help of a special formulation. Perfectly manufactured furniture pieces can also here be achieved with all available zero-joint technologies, whether in through feed method or on CNC/BAZ machines and require no additional modifications of the edge.

ALPHA-TAPE® FLAME-PROOF ABS

ALPHA-TAPE® FLAME-PROOF ABS offers consistent fire protection and meets strict European standards. Thanks to its self-extinguishing properties, these edges ensure that in the event of a fire, they will not further promote the burning when the ignition source is removed. Manufactured from full colored ABS, it combines a decorative finishing of panels with excellent impact resistance, workability, design versatility and heat resistance. Thanks to its halogen-free flame retardant, it is perfect for wall panels and furniture.

SPECIAL APPLICATIONS

Innovative edgebanding solutions

Our diverse ALPHA-TAPE® range also includes innovative solutions for a wide variety of special applications. Whether for softforming, zero-joint technologies, multilayer construction or lightweight honeycomb panels, each edgeband can be optimally adapted to the respective area of application, resulting in a high-quality product.

STOPGAP

The strong edge sealing

A thorough cleaning of uneven surfaces often proves difficult. Dirt, mold and other contaminants can accumulate in the microscopic depressions, attack the surface and make it look unsightly. Our hydrophobic STOPGAP sealant effortlessly fills these irregularities, prevents deposits and protects against moisture. It is not only suitable for edged pieces of furniture, but even for wooden materials and real wood panels and ensures permanently attractive, protected surfaces. STOPGAP offers many application options and is available for both manual and machine use.



STOPGAP PEN

The adhesive gap is the weakest area of edged furniture. For easy use at home, we have developed the STOPGAP PEN, which has been specially optimized for manual application. The practical pen shape combines functionality with a useful design. The sponge integrated under the pen cap enables the water-repellent liquid to be applied evenly and precisely and ensures fast, clean and effective surface sealing.



STOPGAP FLUID

For large-area applications, we offer our hydrophobic agent in different container sizes (0.9 liters, 5 liters and 20 liters). STOPGAP FLUID can be applied manually with a microfiber cloth, spray bottle, roller or brush. After about 15 seconds, excess material can be wiped up using a clean microfiber cloth. Optionally, the product can be heated at up to 80 °C. Furthermore, machine application is also possible with our STOPGAP STARTER KIT.

STOPGAP STARTER KIT

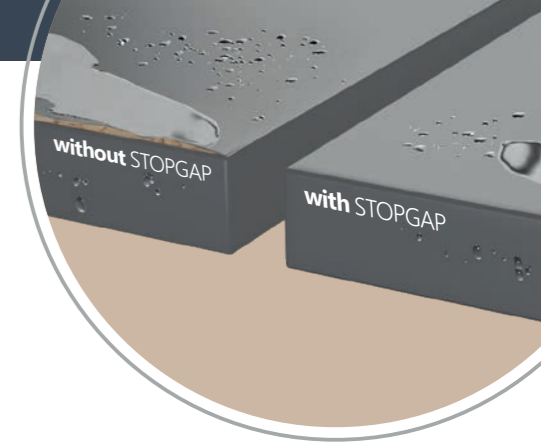
The complete system for edgbanding systems

For sealing edgebands in fully automatic production lines we have developed our STOPGAP STARTER KIT. This complete system consists of our highly effective hydrophobing agent and a mature

hardware. We have perfectly optimized the system under production conditions and have already defined the presets for quick and simple commissioning.



STOPGAP STARTER KIT is installed as the last unit on the machine. Thanks to the spraying system, the water-repellent agent can be applied to the desired glued joint using fine precision nozzles. The treated parts can then be processed immediately and are protected against the penetration of dirt, water and steam in the long term. Increase the quality and durability of your furniture and pass on tangible added value to your customers.





ALPHA-TAPE® DIGITAL EDGE

Endless possibilities

Our digitally printed edges offer the quality of ALPHA-TAPE® with an impressively authentic print image. Thanks to the extended repeat and the deceptively real decor reproduction, we achieve a particularly natural look and can reproduce decors with an outstanding depth effect. Thanks to special processing techniques and maximum color consistency, the decors are always reproduced in consis-

tent quality, enabling us to achieve excellent reproducibility. Our digital printing can be combined with all MKT finishes and offers endless possibilities.

AVAILABILITY

Our digital edge is available in PP and ABS. We offer thicknesses from 0.4 to 3.2 mm and widths from 16 to 405 mm as well as various embossings.

ALPHA-TAPE® STOCK PROGRAM

Available edges from stock

ALPHA-TAPE® ABS & PP

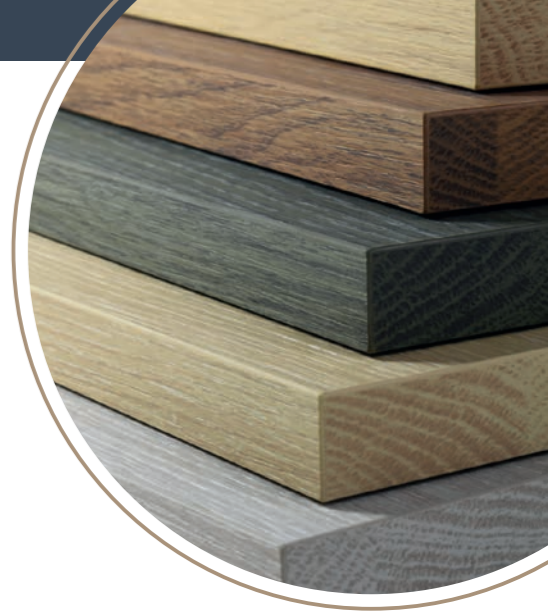
Due to strong demand, we have been implementing our stock program for several years. Our customers benefit from an immediately available range of edging in different white, grey and black tones in standardized thicknesses as well as in different surface refinements and structures. Our premium product ALPHA-TAPE® METALLICA is also available from stock in various designs.

ALPHA-TAPE® PP FINEFLEX METALLIC

Matching the FINEFLEX Metallic series from Fine Decor, we offer our ALPHA-TAPE® PP EXCELLENT edging in six trendy metallic colors with identical colors and structures. Our EXCELLENT MATT finish convinces with identical surface properties such as anti-fingerprint and soft-touch as well as a very high resistance to chemicals, light and scratches.

ALPHA-TAPE® ABS & PP ZERO UNILIN MASTER OAK

We present our perfectly matching ALPHA-TAPE® ABS and ALPHA-TAPE ZERO® PP edging in ten wood designs and two plain colors for the Master Oak series from Unilin. This perfect match impresses with its authentic design, our SOFT MATT finish and identical surface properties such as high scratch resistance and color fastness.





ALPHA-TAPE® DESIGN ALLIANCE

The perfect edgebanding is already matched

With ALPHA-TAPE® DESIGN ALLIANCE we offer a perfectly matched ALPHA-TAPE® edgebanding almost simultaneously with the latest trend decors from market-leading surface manufacturers. Our partners include the decor printers Schattdecor, Interprint, Lamigraf, Decor Druck Leipzig and Impress as well

as the furniture foil manufacturers Continental and Fine Decor. Color, printing structure, surface finish and gloss grade of our edges are ideally matched to the templates, making them the perfect complement to our partners' products.



HR11792 MKT-16
BILBAO WALNUT



SMHR11686 MKT-11
ROOKWOOD OAK

schattdecor



As a result of the continuous expansion of its product range, Schattdecor has developed from a decor printing company to a global market leader and surface specialist. With many years of technical and design expertise, Schattdecor creates innovative products with printed, impregnated and finished surfaces which can be designed as wood, stone, soli-color and fantasy decors.

Interprint is one of the market-leading decor printers. The company sees itself as a creative driving force for the industry, which supplies its customers from the furniture and flooring industry with innovative solutions. Wood, stone and creative decors from Interprint design the surfaces of numerous materials in the field of wood-based materials.



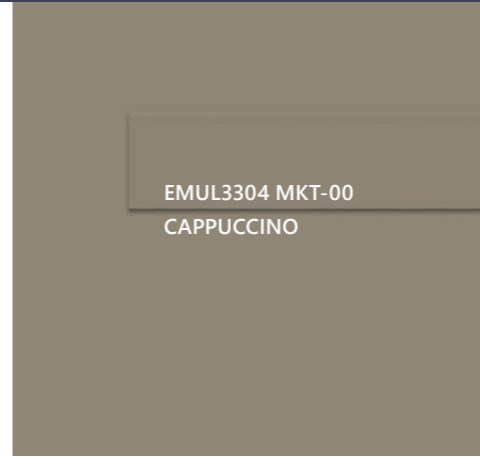
SMHR11619 MKT-11
MORASSINA



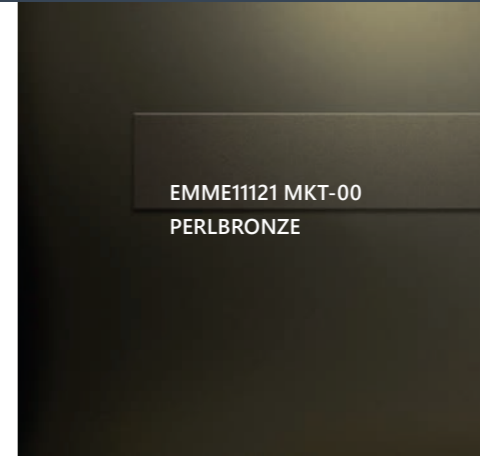
SMHR11752 MKT-00
WILDEICHE NATUR



HR11425 MKT-51
POMPEU SLATE



EMUL3304 MKT-00
CAPPUCCINO



EMME11121 MKT-00
PERLBRONZE



OUR PERFECT MATCH

The matching ALPHA-TAPE®
edgebanding for the current
trend decors of our
partners are already
finished.



Lamigraf has been developing high-quality decor papers for more than 40 years and is one of the world's leading decor printers. With a focus on authentic reproductions of natural materials and creative designs, the modern decor papers are used in furniture construction, laminate flooring and interior as well as exterior design.



Decor Druck Leipzig supplies fresh designs for modern interiors - from natural wood decors to vibrant patterns. The decors combine aesthetic with functionality and are made for a wide range of applications in living and business interiors. Since 2011, DDL has also been offering impressive digital print decors.



Impress designs high-quality decors in wood, stone and fantasy optics which emphasize naturality and individuality. Wood decors in particular, with matt surfaces and realistic grains, as well as minimalistic stone and cement looks, set new accents.



With skai® PureLux, Continental has developed a sustainable lacquered laminate series made of PET that is available in trendy plain colors. With an elegant matt surface, soft-touch feel and high resistance to scratches, light and chemicals, it is perfect for kitchen, bathroom and living room furniture as well as for wall paneling.



Fine Decor develops and produces decorative films made of PET for the furniture industry and impresses with its premium surfaces. The company focuses on highest quality and sustainability to create modern solutions for furniture, interiors and other applications.



MKT GOES GREEN

Our sustainability concept

To enhance our sustainability, we develop future-orientated strategies and products for an environmentally friendly production. We use natural raw materials and constantly increase the recycled content in our ALPHA-TAPE® edges. With ALPHA-TAPE® PP REC, we already

offer a sustainable edgbanding solution with a significant amount of PCR (Post-Consumer-Recycled) material, which has the same impressive design, quality and processing as our conventional ALPHA-TAPE® PP edges. Our energy management system, a central part of

our “green” culture, aims to reduce energy losses and increase energy efficiency along the value chain. In this way, we reduce greenhouse gas emissions and actively contribute to environmental protection.



SUSTAINABLE ALPHA-TAPE® EDGE BANDING

Edges made from external & internal recycled materials

For the production of our ALPHA-TAPE® PP REC edgbanding, we use high-quality PCR material from safe sources with consistently high quality. For our ALPHA-

TAPE® ABS and PP edges, we use IR or PIR (Post-Industrial-Recycled) material, which we recycle from production waste and/or the ALPHA-TAPE® REBUY program.

Through the addition of virgin material, we produce durable, high-quality edgbanding with a sustainable claim.





ALPHA-TAPE® REBUY

Our edgeland buy-back program

Leftover stock that unnecessarily takes up storage capacity due to stockpiling, order cancellations or collection changes can be returned to us. Since 2021, we have been offering ALPHA-TAPE® REBUY, a buyback program for sustainable recycling of unused material. After prior analysis, we buy back remaining stocks of our ALPHA-TAPE® edges, recycle them into pure

recyclate and use it for the production of new ALPHA-TAPE® edgeland. ALPHA-TAPE® REBUY offers numerous advantages for customers who want to reduce their ecological footprint. By optimising the raw material cycle, the service life of our edgeland is extended, which contributes to the sustainable use of resources. Instead of disposing of excess material through

thermal processes, our buyback program reduces waste and significantly lowers CO₂ emissions. In addition, customers can reduce their disposal and storage costs, free up storage capacity and utilise it more efficiently.



1

PRODUCTION OF ALPHA-TAPE®

We use a mixture of virgin material and recycled material based on ABS and PP for the production of our ALPHA-TAPE® edgelanding.

2

TRANSPORT TO CUSTOMER

We package our ALPHA-TAPE® edges and deliver them to customers worldwide, where they are further processed into a wide range of products for the furniture industry.

3

NOTIFICATION OF UNUSED GOODS

Unused ALPHA-TAPE® ABS and PP edges can be returned to us in their original packaging for a financial benefit. For this purpose, the customer contacts our service department and after confirmation, a provisional refund is determined and the return is authorised.

4

TRANSPORT TO MKT

The goods registered for repurchase are packed by the customer and returned to us.

5

MATERIAL ANALYSIS & RECYCLING

Our quality assurance department checks the condition of the material and its recyclability. If the return conditions are met, a credit note is issued. The material is then sorted, processed, shredded into pure recyclate and reintegrated into the production of new ALPHA-TAPE® edges.



MKT BEE SPONSORSHIP

Honey from responsible beekeeping

As part of our commitment to the environment, we took on a bee sponsorship in 2024 to actively support the ecosystem and protect honey bees. Around our company site in Ohrdruf, our bee colonies are busy pollinating numerous native wild plants and crops. With our sponsorship, we ensure the further existence of these important insects and preserve the diversity of nature in our region. Another positive effect is the production of high-quality, natural honey with an

unique taste. Gently harvested by hand and processed directly on site, it remains fresh, nutritious and authentic. A genuine natural product with character!



SUSTAINABLE ENERGY

Green electricity from a German wind farm

Since January 2025, we have been setting a strong signal for a sustainable energy supply: We purchase our electricity directly from a German wind farm as part of a long-term power purchase agreement (PPA), thereby supporting the purchase of electricity from renewable sources. This enables us to purchase around 3,000 MWh of wind energy per year from guaranteed sustainable sources and reduce our CO₂ emissions by around 2,100 tonnes per year. The direct purchase of renewable energy enables us to produce in a more environmentally friendly way and makes an active

contribution to achieving global climate targets. At the same time, long-term planning ensures stable energy costs and increases our competitive edge through sustainable innovation and responsible use of resources. We want to actively take advantage of the opportunities presented by the changing energy markets, make a valuable contribution to decarbonization and help to create a sustainable future - for our company, our industry and future generations.





**Moderne Kunststoff-Technik
Gebrüder Eschbach GmbH**

Herrenhöfer Landstraße 2
99885 Ohrdruf
Germany
www.mkt-gmbh.com



YOUR CONTACTS

Head of Sales & Marketing

Lars Gestring

+49 (0) 173 6 26 73 32
l.gestring@mkt-gmbh.com

Head of Product Management & Sales Italy

Christoph Udhardt

+49 (0) 172 3 46 55 88
c.udhardt@mkt-gmbh.com

General Manager MKT France

Thierry Tattevin

+33 6 71 27 01 76
t.tattevin@mkt-france.fr

General Manager MKT North America

Lucas Lowenstein

+1 201 415 6499
info@mktna.com

Sales Germany, Central Europe

Ralf Plötner

+49 (0) 162 2 43 98 01
r.ploetner@mkt-gmbh.com

Sales D-A-CH, Southern Europe, Asia-Pacific

Melissa Marißen

+49 (0) 152 59 22 82 87
m.marissen@mkt-gmbh.com

Sales France, North/South America

Marian Schuchardt

+49 (0) 172 3 49 19 95
m.schuchardt@mkt-gmbh.com

Sales Germany, Italy

Manuel Hofmann

+49 (0) 173 5 20 21 52
m.hofmann@mkt-gmbh.com

