

Global Business Unit Specialties

For Innovative Technical Foam Applications



Best in Foam

FoamPartner is a leading producer and converter of best-in-class foam solutions for technical and comfort applications. With a broad range of over 200 specialty foams, we are a customer-focused, innovative partner for the automotive, manufacturing, and bedding industries.

With 14 sites in the three most important economic regions in the world – Europe, the Americas, and Asia-Pacific – and over 1,100 employees, we combine global expertise with local entrepreneurial drive to create value for our customers.

FoamPartner is structured into five Global Business Units (GBU's): Acoustic & Thermal Solutions, Automotive Rolls, Systems, Specialties and Living & Care.

The GBU Specialties is one of the most versatile segments within FoamPartner, providing manifold products and customized foam solutions for demanding technical and industrial applications.

Since 1980 FoamPartner is part of the Conzzeta Group, a Swiss holding with a broadly diversified group of companies with above-average growth, which stands for innovation, market orientation, and long-term value creation.



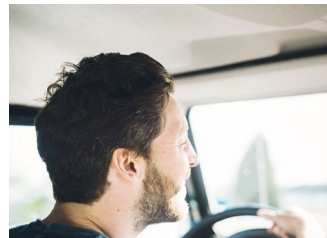
Acoustic & Thermal Solutions

Competence in tailored lightweight solutions



Automotive Rolls

Innovation and efficiency



Systems

Agility and customization is our promise



Specialties

Innovator in technical foam applications



Living & Care

All-in-one foam solutions for comfortable sleep

Your Partner of Choice for Technical Foam Applications

The GBU Specialties produces and processes top-class specialty polyurethane (PUR) foams.

Thanks to many years of experience in the market and extensive know-how in foam production and processing, we are able to develop tailored products and innovative solutions for a variety of applications. From sponges for professional and household cleaning, polishing pads for paint treatment, and ceramic filter foams for metal processing to packaging systems for the watch and jewelry industry, we understand our customers' needs today and anticipate future trends and requirements.

At FoamPartner, our objective is to give our customers a competitive edge by improving the time to market of their new products, thus making FoamPartner the preferred partner in the industry.



Specialty Portfolio

Our specialty portfolio comprises polyester and polyether-based PUR foams, pre-polymer foams as well as specialized foam types based on proprietary compositions. Our foams cover a density range from 16 to 150 kg/m³. Reticulated types are available from 7 to 100 ppi.



Product Diversity

Increasing specialization in the various industrial sectors requires a diversity of foams. Our foams fulfill many different properties, such as anti-fog, antistatic, conductive, fire retardant, low-emission or mechanically stable.



Tailor-Made Solutions

FoamPartner provides foam solutions that are tailored, in both design and function, to specific needs and are available in any preferred processing state – from raw block foam to the finished product.



Application Expertise

An experience team of chemists and application engineers at our R&D laboratories assist customers around the globe for all kinds of specialized foam developments.



Global Production

Our products are produced, processed and stored in 14 sites located around the world. Global product specifications assure consistent quality according to ISO 9001.



Strong Local Supply Chain

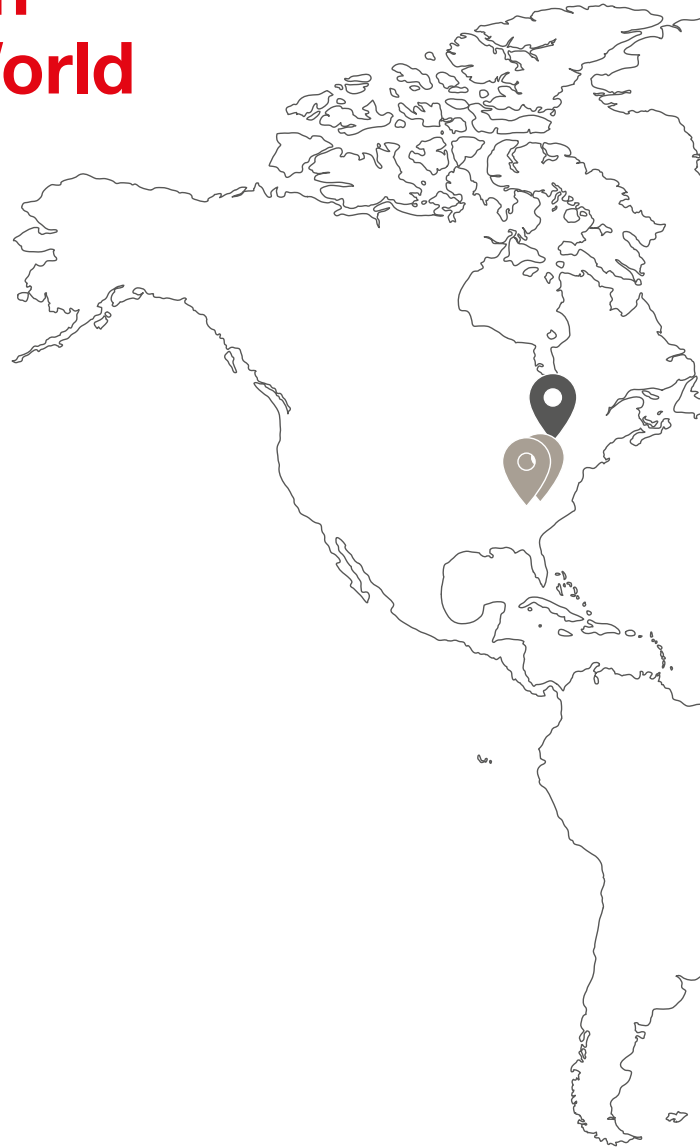
Global and regional customers benefit from a strong local site infrastructure, high service level in logistics and a well-established distribution network.

Production, Conversion and R&D around the World

The GBU Specialties operates on a global level, with manufacturing and processing sites well positioned in all major markets, including Europe, Asia-Pacific, and North America.

Our customers benefit from our global setup and local resources. With a dedicated sales team, strong local supply chain, and local manufacturing and conversion sites, we are close to our customers wherever they are.

Production Know-How	Processing Technologies	R&D Capabilities
<ul style="list-style-type: none">• Polyether-based PUR foams• Polyester-based PUR foams	<ul style="list-style-type: none">• Reticulation• Milling and drilling• Flock coating• Impregnation• Bonding• Contour cutting• Compression cutting	<ul style="list-style-type: none">• Certified lab• Prototyping capabilities• Pilot plant



Wolfhausen



Rochester Hills



Duderstadt



Leverkusen



Headquarters, foam production, converting and sales
Wolfhausen

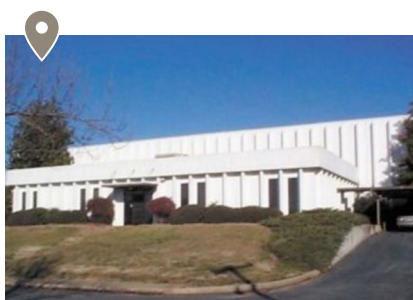
Foam production, converting and sales
Rochester Hills, Duderstadt, Leverkusen, Changzhou

Converting and sales
Greer, Piedmont, Delmenhorst, Stadtallendorf,
Gontenschwil, Wittenheim

Sales
Shanghai, Singapore



Changzhou



Piedmont



Delmenhorst

Technical Foams for Diverse Industrial Applications

With more than 50 years' experience in the field of technical PUR foams, we have developed an in-depth market understanding covering a wide variety of applications.

Our products fulfill all manner of specifications: filtration, cleaning, surface treatment, packaging, sealing, specialty solutions (e. g. for infotainment, office appliances, farming and gardening, etc.)

For these purposes, we offer a broad portfolio of polyester- and polyether-based PUR foams and prepolymer foams. As a key supplier of specialty foams, we understand that the guarantee of long-term success is to offer efficient products with consistent quality and stable properties, providing the required performance in the specified application.

Our specialists help you select the most suitable product for your application. They can also provide assistance in developing new foam materials to meet emerging industry and consumer needs and ensure compliance with regulatory changes.

- Filtration
- Cleaning
- Surface treatment
- Packaging
- Sealing
- Specialty solutions

Filtration



FoamPartner supplies specialty foams for various filtration applications. Untreated foams are mainly used for liquid and gas filters. Typical applications include air filters, active charcoal filters for air-conditioning systems, water filters for aquariums, and reservoir filters for stamping pads.

Processed foams are normally utilized as a carrier medium; for example, in ceramic filters, catalysts, and battery electrodes, the filtration foam serves as a matrix. The requirements for filtration foams are very high, with homogeneity in particular having a fundamental impact on the effectiveness of the end product. Our portfolio of filtration foams covers the full pore size range from 7 to 100 ppi.

Product Highlights

RegiCell is used extensively for ceramic filters, for instance **RegiCell 7 FM2** on stainless steel, **RegiCell 15 and 25** on aluminum, and **RegiCell 10 FM2** on iron. All products feature a highly homogeneous foam structure and provide good wetting and springback properties. **RegiCell 60** is particularly suitable for air filters due to its beneficial airflow characteristics.

Cleaning



Our customers benefit from one of the broadest ranges of sponge foams for professional and household cleaning in the world. Our products feature excellent absorption and retention properties for liquid media due to their hydrophilic nature, to make cleaning convenient and efficient.

With a wide selection of volumetric weights and pore sizes, FoamPartner sponges are used for a variety of cleaning purposes, including hand dishwashing, surface cleaning, and personal hygiene. More robust specialty foams are required for professional applications, such as manual labor in the construction or ceramics industry.

Product Highlights

Hydro GTS is a tailored, high-performance sponge designed for contractors working on grouting and tiles. **Hydro M35** is recommended for the pretreatment of ceramic products before firing. **Regi G** is typically used for mop heads, while **Regi T35** is designed for medical cleaning purposes. Our latest development is **Regi SLN**, a novel sponge with soft-touch feel, making it ideal for the cosmetics and wellness sectors.

Surface Treatment



The main purpose of foams for surface treatment is to apply liquid media in order to equalize unevenness or generate certain effects on surfaces. FoamPartner offers specialty foams for polishing pads, paint rollers, and shoe polish applicators. They are characterized by a high tear resistance, uniform surface quality, and outstanding long-term stability. Depending on their specific application, these foams can have extremely fine pores or “natural” pores and be solvent resistant, anti-bacterial, or lightfast.

Product Highlights

Polishing pads made from **V8 (PP F8)** offer maximum polishing efficiency on treated paint surfaces thanks to the foam’s scratch-free, nonabrasive properties. Foams such as **V8 fein UE** are ideal for shoe polish applicators due to their high chemical resistance and anticaking properties. **RegiLen 5070** is the product of choice for paint rollers when applying highly viscous acrylic lacquers, thanks to the foam’s homogeneous structure and minimum cell count.

Packaging



FoamPartner provides individual packaging solutions for applications such as case liners and production trays. Foam packaging should not only protect the packed goods from damage and external influences, but also ensure attractive presentation – this is especially important for valuable goods such as jewelry or crystal glass. By combining our expertise in product packaging design with state-of-the-art processing technology, we are able to support our customers at every step when processing, developing, and realizing tailor-made solutions.

Product Highlights

Close-cell polyethylene (PE) foam is the material of choice for various packaging solutions. We adhere to strict quality standards when selecting suitable materials, and procure PE foam from leading suppliers such as Zotefoams and Sealed Air.

Sealing



Sealing foams are used in many different sectors, including the automotive, appliance, and construction industries. Their main purpose is to protect equipment or machinery against liquid and volatile compounds such as water, moisture, gases, and fine particles, which could leak or penetrate into the system. Our foams have extremely fine pores and are airtight, water tight, and easy to compress. They provide excellent sealing properties even under demanding conditions.

Product Highlights

RegiSealAqua, **RegiSeal TN 25FR**, and **RegiSeal TN 30FR** are durable foams with a high resistance to ageing and hydrolysis. They have very low emissions and boast antifogging properties that are far below than the VDA requirements of 250 ppm for automotive applications. This makes them ideal as sealing foam for air-conditioning and ventilation systems. In the Denso test, **RegiSealAqua** outperforms standard high-density foams. All three foams have very fine pores and can be produced with closed cells, half-open cells, or open cells, depending on the application.

Specialty Solutions



FoamPartner offers specialty foam solutions for the **infotainment segment**, providing windshields for microphones to improve acoustic properties. For **office appliances** such as laser printers, new specialty foams for toner supply rollers and cleaning rollers have been developed. Another application for our foams are **hydroponics for plant cultivation**, with demand growing in urban and suburban areas as greenhouse farming and green roofs are becoming more popular. In the medical area, foams can be used for HME filters in **respiratory protective devices**, ensuring the correct moisture content and temperature for the air a patient breathes while protecting them against bacteria and viruses.

Product Highlights

Infotainment: **RegiCell 80** is a typical high-quality foam used for microphone windshields. Customers can tailor the product to their specific requirements.

Office appliances: **Hypore 60100** is an innovative foam for application rollers used in laser printers. The product is part of a new generation of ester-based PUR foams with an extremely homogenous cell structure, high durability, and very low VOC content of only 50 ppm

Respiratory devices: **HME7** has been developed for HME filters as a healthier alternative to standard foams that are activated with calcium chloride through an impregnation process. **HME7** is activated during the foam production process itself, meaning there is no need to add calcium chloride at a later point.

Our Locations

Europe

FoamPartner Switzerland AG
Oberwolfhauserstraße 9
8633 Wolfhausen, Switzerland
Telephone +41 (0)55 253 63 63
Fax +41 (0)55 253 63 73
wolfhausen@foampartner.com

FoamPartner Germany GmbH
Max-Näder-Straße 15
37115 Duderstadt, Germany
Telephone +49 (0)5527 9966 0
Fax +49 (0)5527 9966 44 099
duderstadt@foampartner.com

**FoamPartner
Converting Center GmbH**
Max-Näder-Straße 15
37115 Duderstadt, Germany
Telephone +49 (0)5527 9966 0
Fax +49 (0)5527 9966 44 099
duderstadt@foampartner.com

**FoamPartner
Leverkusen GmbH**
Dieselstraße 7
51381 Leverkusen, Germany
Telephone +49 (0)2171 508 0
Fax +49 (0)2171 508 131
leverkusen@foampartner.com

**FoamPartner
Delmenhorst GmbH**
Lange Wand 13
27753 Delmenhorst, Germany
Telephone +49 (0)4221 9384 0
Fax +49 (0)4221 9384 84
delmenhorst@foampartner.com

Kureta GmbH
Moselstraße 4
35260 Stadthallendorf, Germany
Telephone +49 (0)6428 93 13 0
Fax +49 (0)6428 43 52
stadthallendorf@foampartner.com

Frina Mousse France SARL
Boîte Postale 55
1, Rue du Jasmin
68272 Wittenheim Cedex, France
Telephone +33 (0)389 52 66 52
Fax +33 (0)389 53 82 52
wittenheim@foampartner.com

Büttikofer AG
Zetzwilerstraße 763
5728 Gontenschwil, Switzerland
Telephone +41 (0)62 767 00 00
Fax +41 (0)62 767 00 01
gontenschwil@foampartner.com

Americas

FoamPartner Americas, Inc.
2923 Technology Drive
Rochester Hills, MI 48309, USA
Telephone +1 248 243-3100
Fax +1 248 243-3101
rochesterhills@foampartner.com

FoamPartner Americas, Inc.
PO Box 92 58
Greenville, SC 29604, USA
Plant: 325 Bessie Road
Piedmont, SC 29673, USA
Telephone +1 864 845 75 41
Fax +1 864 845 56 99
greenville@foampartner.com

FoamPartner Americas, Inc.
130 Caliber Ridge Drive Suite 131
Greer, SC 29306, USA
Telephone +1 864 655 6601
greer@foampartner.com

Asia-Pacific

**FoamPartner Polyurethane
Materials (Changzhou) Co., Ltd.**
No. 330 West Huanghe Road
Xinbei District, Changzhou
213032 Jiangsu, China
Telephone +86 519 8158 2128
Fax +86 519 8158 2698
jiangsu@foampartner.com

**FoamPartner Trading
(Shanghai) Ltd.**
HiTech Plaza 2410
No. 488 Wuning Rd (South)
200042 Shanghai, China
Telephone +86 21 5256 0836
Fax +86 21 5298 7083
shanghai@foampartner.com

**FoamPartner Singapore Pte.
Ltd.**
8 Ubi Road 2
#07-21, Zervex
Singapore 408538
Telephone +65 663 43 509
Fax +65 683 44 900
singapore@foampartner.com



FoamPartner

Please Get in Contact with Us!

Do you have any questions?
Are you looking for advice?
Please do not hesitate to contact us.
We are very much looking forward
to be of your assistance.

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Global Presence



Headquarters:

FoamPartner Switzerland AG

Oberwolfhauserstraße 9

CH-8633 Wolfhausen

P +41 55 2536464

Mail specialties@foampartner.com

www.foampartner.com

Sites:

1 Europe

FoamPartner Germany GmbH, Duderstadt, Germany

FoamPartner Converting Center GmbH, Duderstadt, Germany

FoamPartner Leverkusen GmbH, Leverkusen, Germany

FoamPartner Delmenhorst GmbH, Delmenhorst, Germany

Kureta GmbH, Stadtlendorf, Germany

Frina Mousse France SARL, Wittenheim, France

Büttikofer AG, Gontenschwil, Switzerland

2 Americas

FoamPartner Americas, Inc., Rochester Hills MI, USA

FoamPartner Americas, Inc., Piedmont SC, USA

FoamPartner Americas, Inc., Greer SC, USA

3 Asia-Pacific

FoamPartner Polyurethane Materials (Changzhou) Co., Ltd., China

FoamPartner Trading (Shanghai) Ltd., China

FoamPartner Singapore Pte. Ltd., Singapore

