

**.filtration**

**CLEARING  
THE WAY  
FOR SAFE  
SURROUNDINGS.**



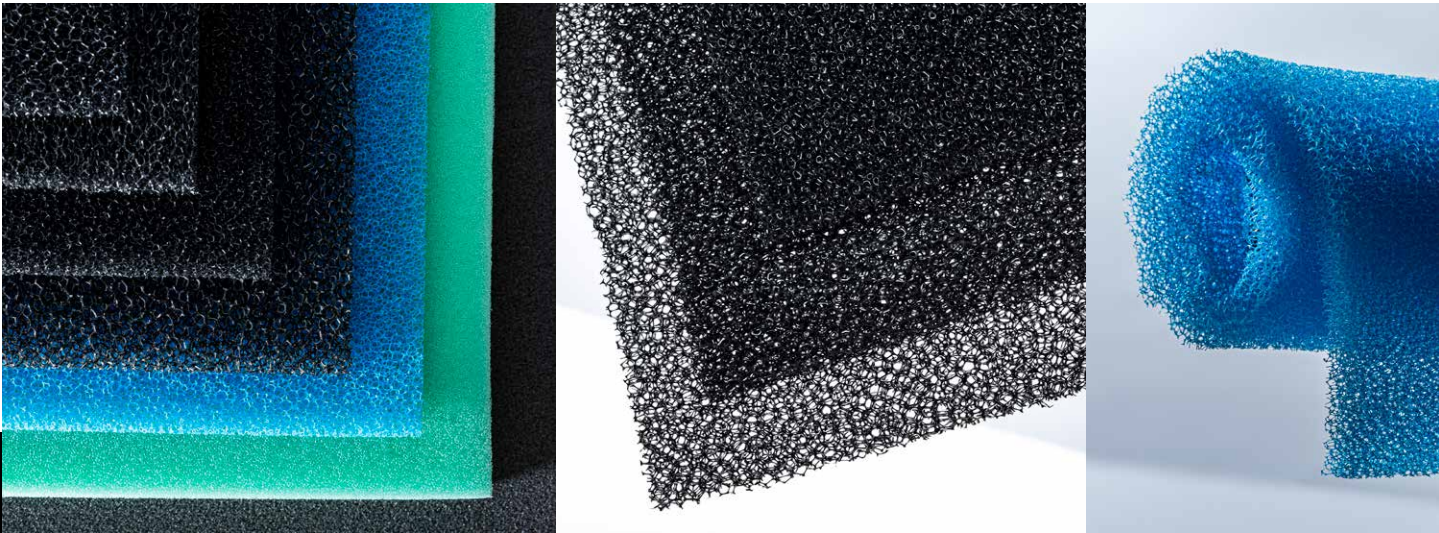
**NEVEON**

The Future of Foam

# OUR FILTER FOAMS IMPRESS WITH PARTICULARLY HIGH HOMOGENEITY AND DURABILITY

Due to their manipulated cell structures, our **tako** filter foams separate gases, liquids and solids reliably and safely. Our filtration solutions clean air and water and as a substrate also provide flawless

performance in industrial processes. The **tako** filter foam family consists of reticulated polyurethane foams based on polyether and polyester polyols with an entirely open cellular network.



## HIGH-QUALITY ESTER- AND ETHER- BASED FILTER FOAMS FOR VARIOUS SPECIAL APPLICATIONS

We offer a diverse selection of ether and ester foams for filter applications. Our **tako** filter foams consist of calibrated and homogeneous cellular cell sizes. A thermal reticulation process ensures that all the material of cell membranes is melted onto the cell ribs.

The self-supporting 3D open filter body, structured in a three-dimensional network, ensures a reproducible filtration efficiency. Dirt will be trapped and

caught through the whole filter dimension with a high dust and dirt load capacity and a relatively low pressure drop. Good mechanical strength makes our **tako** filter products re-usable with washing and a self-supporting filter body eliminates the need for an extra frame or stabilization.

We will be happy to support you with our extensive know-how in selecting the perfect filter foam for your needs.

# ESTER TYPES

We offer standard ester filters and filters for ceramic and special applications with cell diameters from 400 to 5500 microns (8 to 90 PPI). Our **tako** filters are suitable for coarse or pre-filtration of air in automotive and other industry applications, as well as for air conditioning, ventilation and special filter products. The filter foams can be modified and post-treated in various processes. This offers a wide range of usage.

# ETHER TYPES

We offer ether filters for air and water as well as for special applications, with cell diameters from 600 to 4500 microns (10 to 70 PPI). Our **tako** filters are suitable for coarse air filtration and water and aquarium filtering. They are stable in water due to their ether polyol. We also offer reticulated ether foams (U-type) with flame retardant and special grades for outdoor and humid environments.

## **tako**

### **OUR FILTERS PROVIDE CLARITY**

All our ether and ester filter foams are available in blocks, rolls, sheets and converted shapes and designs as well as in different Pantone color grades. Contact us for expert advice. We look forward to working with you.

**foam**  
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## **tako STANDARD FILTER**

Our versatile **tako** filter options are crafted from top-notch foams to cater to various filtering needs. Experience the excellence of our ether filter foam (FT) with a density of approximately 22 kg/m<sup>3</sup>, or opt for the superior ester filter foam (FS) boasting a density of around 30 kg/m<sup>3</sup>. Our high-quality **tako** products are designed for a wide array of applications.

## **tako ETHER FILTER**

Our **tako** ether R-type filters are robust and durable options designed for various uses. With enhanced hardness and higher density, they can withstand mechanical impact, making them ideal for applications involving biological filtration by microorganisms. Our **tako** filters have high durability for effective and reliable filtration needs.

## **tako ESTER FILTER**

Our **tako** ester C-type filters are specially designed for ceramic filter applications. These filters serve as reliable carriers in metal processing in the aluminum industry or in steel and iron foundries. Our **tako** filters come in both large and small sizes, ensuring guaranteed narrow cell diameter specifications and therefore enhancing metal processing with precision and efficiency.

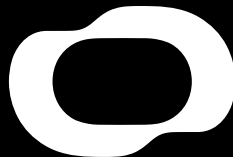
## **FIRE RESISTANCE**

**tako** D-type filters are crafted to meet enhanced fire protection standards in transportation, automotive, and industrial settings. These filters are specifically designed to provide increased safety in various applications. Elevate your fire protection measures with our reliable and purpose-built **tako** products.



We are NEVEON and foam is our world.

As a strong partner of both trade and industry, we offer foam solutions for a huge range of applications, from the comfort segment through the transportation sector to a limitless variety of specialty applications. However, irrespective of how dissimilar our products and their areas of application are, they constantly have a common goal: They improve the energy balance in many contexts and make life more comfortable and safer. Or, in other words, simply better!



## **CONTACT**

We would be pleased to send you additional product information.  
Simply get in touch!  
We look forward to hearing from you.

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