

TENAX



FILTRATION

ENG



Filtration

TENAX is actively supplying components into liquid, air, and dust filtration segments.

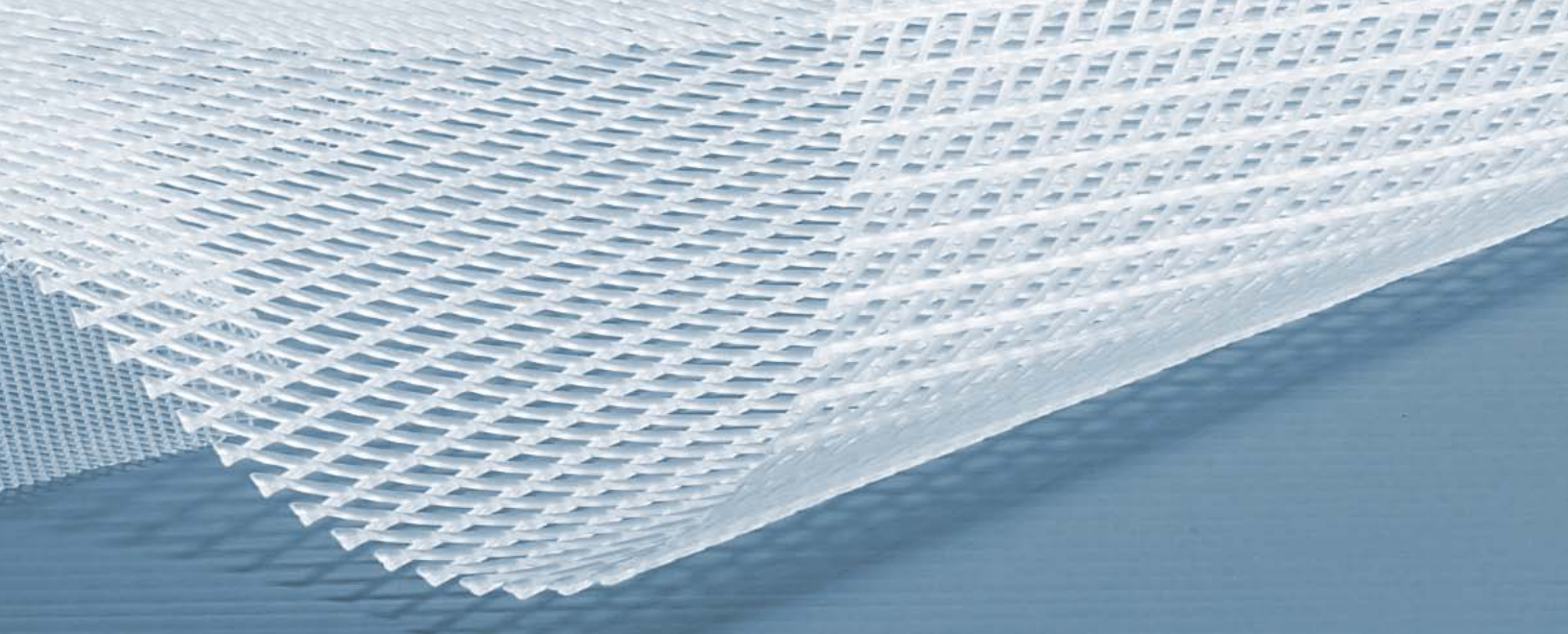
Through thermoplastic extrusion technology, TENAX designs and produces rigid mesh tubes, single or dual flat extruded nets, and elastic sleeves. These products are used in different fields which include industrial filter cartridges, air cabin, reverse osmosis (RO) filters, and pleated membranes.

Plastic components have become more and more important in the filtration market. In comparison to sheet metal, these items display many advantages. They have low weight, can be easily recycled and incinerated, are chemically inert, and suitable for ultra-sound (US) as well as low temperature welding.

The company aims at innovation to satisfy customers' requirements and find new technological solutions for filters. Aside from our available product range, we constantly develop new products.

Applications

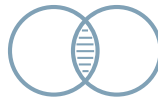
- Air cabin filters
- Air filtration cartridges
- Liquid filtration cartridges
- Wound filter cartridges
- Water and fluids filtration



Advantages



*Chemical
inert*



*Ultra-sound /
thermic welding*



*Incinerable
netting*

PLEATING SUPPORT

Nets designed for lamination, coating, and mechanical pleating for filtration components. Particularly used in cabin filter elements.

RIGID MESH TUBES

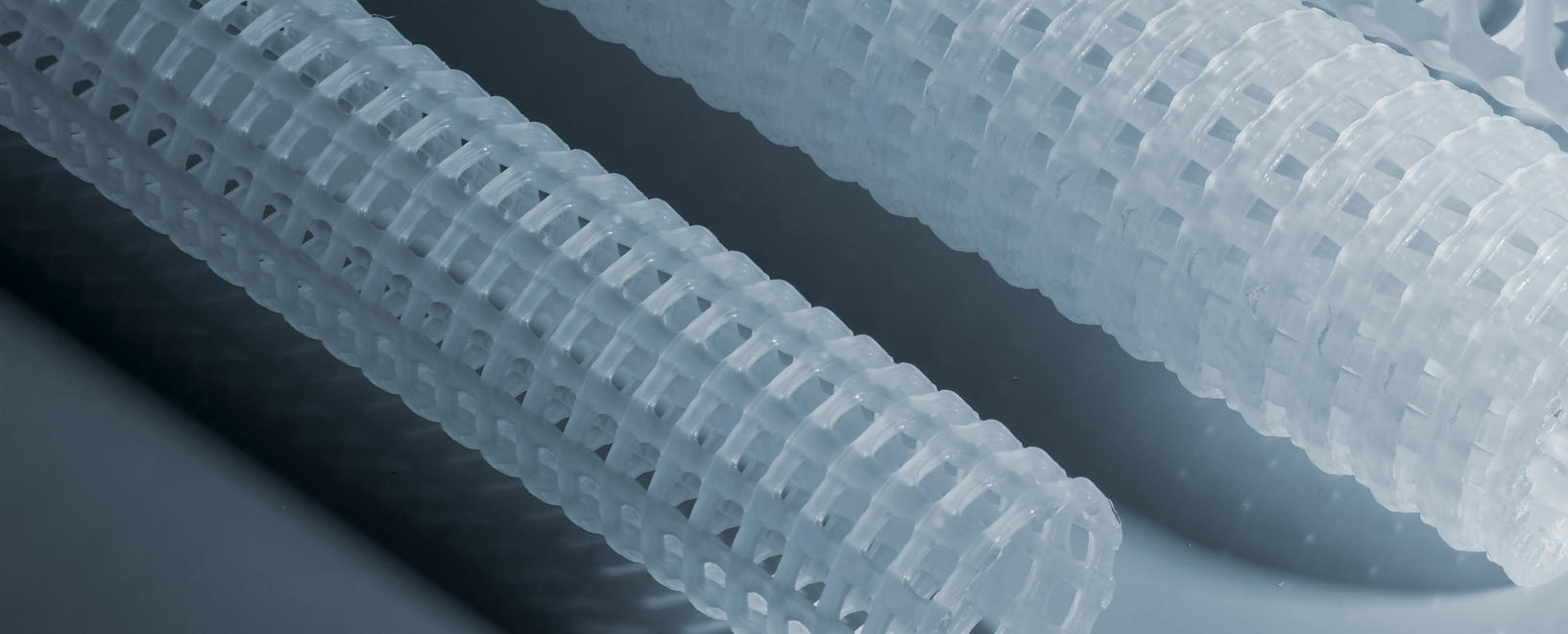
Used as inner support (core) or outer protection (cage) of cartridges for air, water and industrial liquid filtration.

DRAINING SPACERS FOR MEMBRANES

A range of products used in the filtration cartridges for osmosis reverse and in the membrane modules.

TUBULAR AND FLAT NETTINGS

Designed for outer protection of large filtration cartridges. They can hold a flame-retardant additive in the polymer mixture and successfully replace sheet metal.



Rigid mesh tubes

The rigid mesh tubes manufactured by TENAX are usually used both as inner support (core) and as outer protection (cage) of cartridges for air, water and/or industrial fluids filtration.

The extrusion technology allows to create tubular profiles suitable and adaptable to any customer's need.

The main features which can be controlled through this process are: inner and outer diameters, the length of pieces, the opening dimensions and the opening ratio.

Advantages



*Chemical
inert*



*Ultra-sound/
thermic welding*



*Incinerable
netting*

“TENAX specializes in high-end plastics and services that create customer and corporate value.”

TENAX

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