

SCREENS AND SIEVES





MG FILTRI collaborates with world leaders in the production of metal meshes and technical steel fabrics of the highest quality.

The range of our fabrics and nets is able to satisfy almost all industrial sectors and beyond.

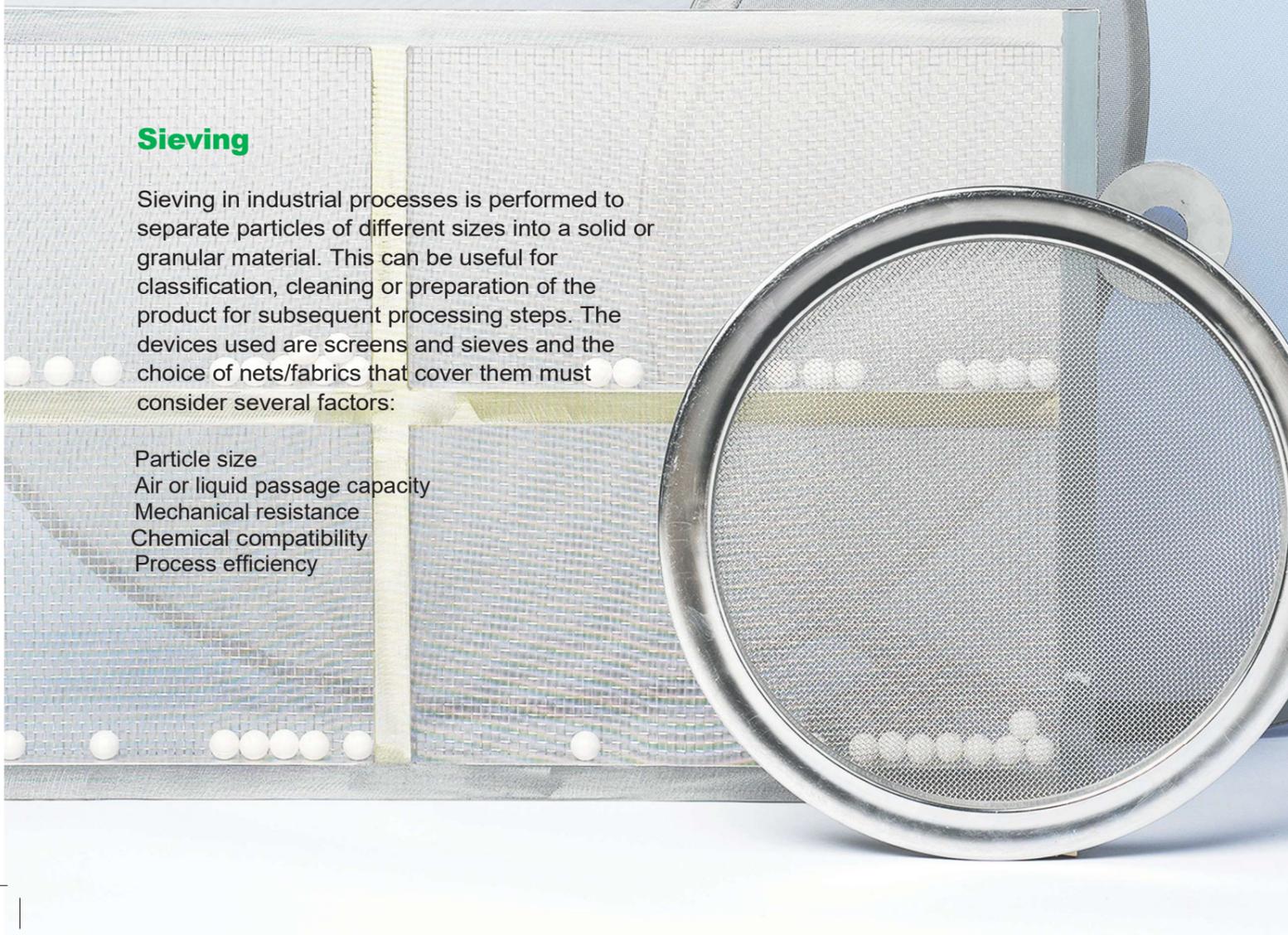
We serve the food, chemical, pharmaceutical, plastics, ceramics, mechanical engineering sectors up to to the Aerospace industry.

The main office is in Italy but we also operate in Germany, Switzerland, France, United States

Sieving

Sieving in industrial processes is performed to separate particles of different sizes into a solid or granular material. This can be useful for classification, cleaning or preparation of the product for subsequent processing steps. The devices used are screens and sieves and the choice of nets/fabrics that cover them must consider several factors:

- Particle size
- Air or liquid passage capacity
- Mechanical resistance
- Chemical compatibility
- Process efficiency





LABORATORY SIEVES

Stainless steel laboratory sieves are indispensable tools for the particle size separation of materials.

Whether powders, granules or samples of various kinds, the precision and reliability of these sieves allow you to obtain accurate results in laboratory tests, making them an indispensable tool in various scientific and industrial sectors.

Main features

High-quality material: Made entirely of superior grade stainless steel, our sieves guarantee resistance to corrosion, rust and chemical reactions.

Our fabrics meet the requirements of the international standards DIN ISO 3310-1.

Mesh precision: Available with various mesh openings to suit specific customer needs, ensuring accurate and precise separation of materials.

Robust design: the solid construction of the sieves ensures the mechanical resistance necessary for continuous use over time, without compromising their accuracy.

- **Ease of use:** easy to handle and easy to clean, allowing easy maintenance and efficient operation.

Our range of laboratory sieves includes different sizes and types, adaptable and customizable to the specific needs of each laboratory, we offer sieves of various mesh sizes, diameters and frame types.

Applications

Stainless steel laboratory sieves are widely used in various industries, including:

- Pharmaceutical industry
- Chemical industry
- Food industry
- Environmental



FILTER SCREENS

Our company offers a wide range of stainless steel filter screens, designed to meet the most demanding requirements of industrial filtration; we are able to produce screens of various shapes (rectangular, round and ultrasonic) and of all types of Allgaier, GKM... up to a diameter of 2650 mm. Each screen is coated with our stainless steel fabric of various filtrations.

The superior quality of our stainless steel ensures reliable performance, corrosion resistance and long service life. Our products are the reliable choice for efficient filtration.

Main features

Excellent quality: Made with high quality stainless steel to ensure efficient and long-lasting filtration, resistant to corrosion and a long life of the product without compromising its performance.

Ease of Maintenance: Practical design for quick and easy cleaning.

Wide range of applications: Our filter screens are suitable for different industrial sectors such as food, pharmaceutical, chemical.

Advantages of stainless steel

Stainless steel offers a number of significant advantages:

- Non-chemically reactive, therefore guarantees a product filtered with purity
- Resistant to high temperatures and aggressive agents
- Suitable for applications where impeccable hygiene is required, such as in the pharmaceutical and food industries

Recommended applications

- Food Industry:** filtration of liquids, powders and other components in the production and packaging phases.
- Pharmaceutical:** precise and clean filtration to ensure the purity of the active ingredients in the products
- Chemical Industry:** filtration of chemicals to ensure the safety and quality of processes





Why choose MG FILTRI products?

- Guaranteed quality and precision
- Wide range of sizes and types
- Reliability in laboratory results
- Dedicated customer support
- Certification of nets and glues
- Fast Order Execution Times

Services offered

Do your screens need to be re-coated? Do you want to improve its performance? Increase its durability? Our technical service allows us to provide a coating with high-end fabrics and a wide selection of mesh openings with the best quality.

What we can offer you:

- Frame cover supplied
- Execution by gluing (also with FDA-certified glue as required)

or welding

- Remarkable stability
- Precise and accurate machining
- Guarantee of screen life
- Material certification
- Laser marking service with frame board data
- Supply of both screens and sieves from

laboratories with the same batch

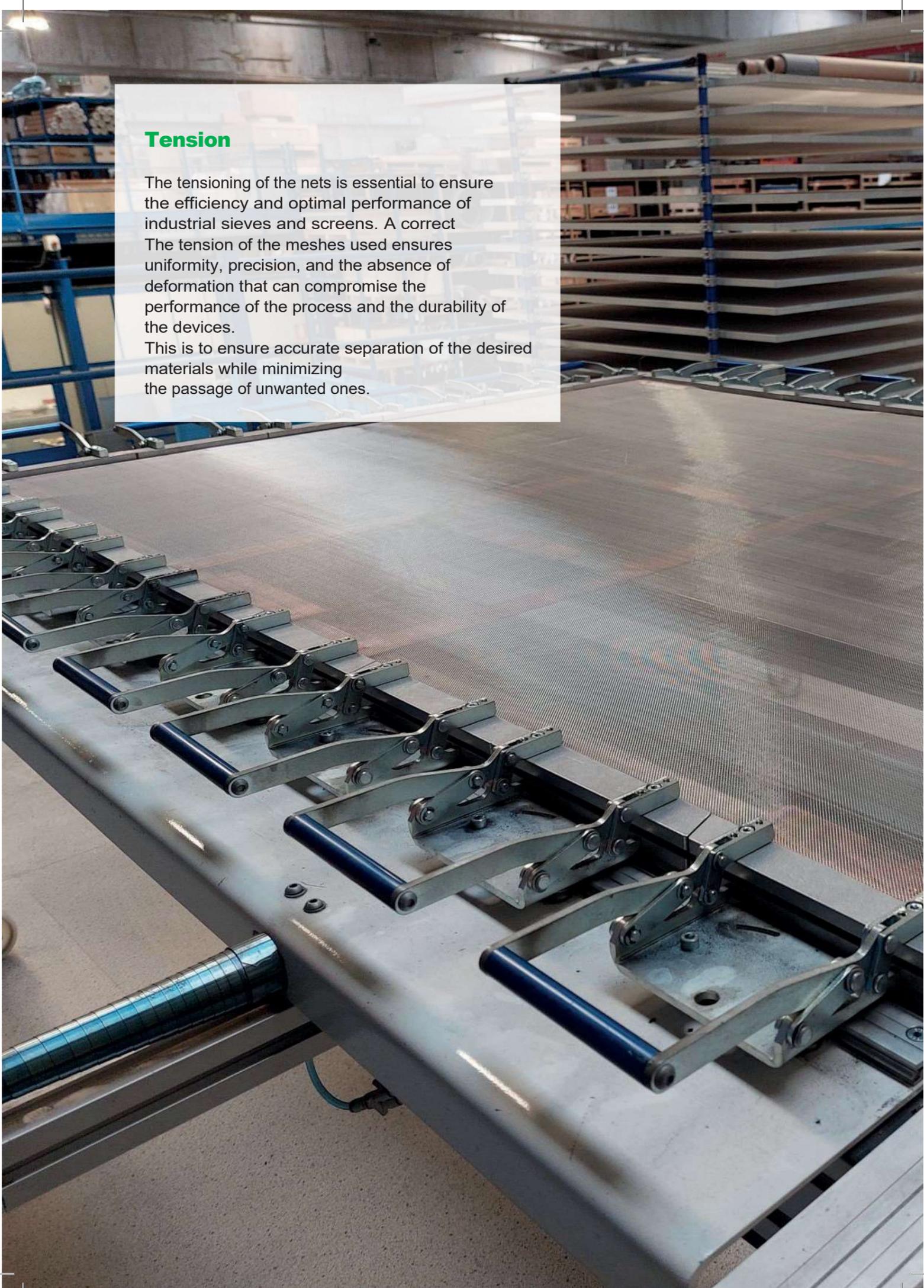
Our solid experience in the sector allows us to offer the best advice on the market, providing a wide range of products of the highest quality. We cover the entire process, from the production of the nets (rolls) to the creation of the final product, with the possibility of customizing it according to the customer's specifications.



Tension

The tensioning of the nets is essential to ensure the efficiency and optimal performance of industrial sieves and screens. A correct The tension of the meshes used ensures uniformity, precision, and the absence of deformation that can compromise the performance of the process and the durability of the devices.

This is to ensure accurate separation of the desired materials while minimizing the passage of unwanted ones.





SIEVES

OPENMESH

mm	mm
0.025	2.800
0.038	3.150
0.040	3.350
0.045	4.000
0.050	4.750
0.053	5.000
0.063	5.600
0.075	6.300
0.080	6.700
0.090	7.100
0.100	8.000
0.106	9.500
0.125	10.0
0.150	11.2
0.160	12.5
0.180	13.2
0.200	14.0
0.212	16.0
0.250	19.0
0.300	20.0
0.315	22.4
0.355	25.0
0.400	25.4
0.425	26.5
0.500	28.0
0.600	31.5
0.630	37.5
0.710	40.0
0.800	45.0
0.850	50.0
1.000	53.0
1.180	56.0
1.250	63.0
1.400	75.0
1.600	80.0
1.700	90.0
2.000	100.0
2.360	106.0
2.500	125.0





Contact us for more information

If you are interested in our products and/or would like further details, please contact us without obligation!
We will be ready to assist you and offer customized solutions to meet your specific needs.

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