

SCREENING



Engineered to meet specific customer requirements, ORION filtration, woven wire cloth and expanded metal foil screens combine consistent quality, a wide range of materials and innovative development to answer a variety of screening needs every day.

Produced at competitive costs, ORION screens are the premier choice of product manufacturers with demanding needs in the following areas:

Filtration

ORION provides flexible, polyurethane filter foam (reticulated and non-reticulated) to remove dust and contaminating particles from air, gases and liquids in a variety of applications.

- Open pore structure
- Provides low air resistance and pressure drop
- Ideal for use in computers, electronic instruments and other appliances

Filter foam is produced in a variety of pore sizes from 5 to 100 pores per linear inch (ppi).

- Thicknesses range from .125" to 1.00"
- Certain thicknesses are listed under classifications UL 94-HF1 and UL-900, Class 2

Woven Wire Cloth

Integrated into everything from insect screens in smoke detectors to automobile filters, ORION's woven wire and cloth screens are as diverse as their final applications.

- Openings from .002" to .500"
- Commonly used materials:
 - Steel, stainless steel, copper, brass and aluminum
 - Nylon
 - Polyester
 - Fiberglass

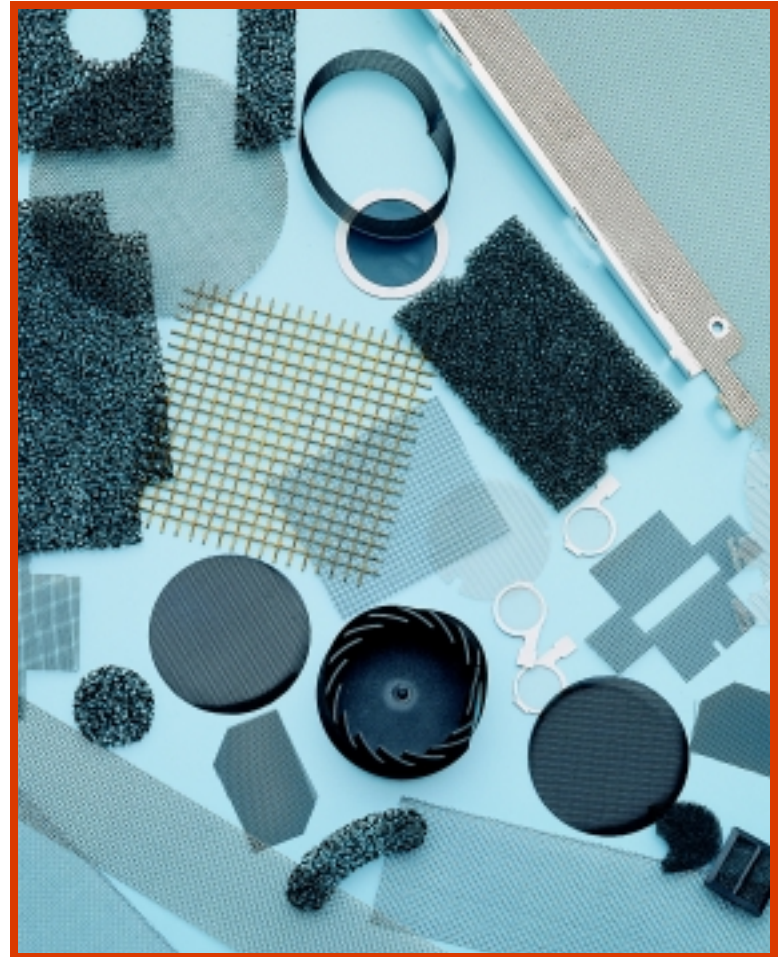
Expanded Metal Foil Screening

An excellent alternative to woven wire cloth screens.

- Recommended for applications which require screens with no loose wires
- Helps extend tooling life
 - Easier to cut
 - Less abrasive

Common applications:

- Computer monitors, medical equipment and automotive

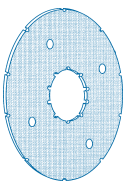


Filter Foam

In typical applications filter foam successfully eliminates dust and contaminants at the air intake of computers and business equipment.

Woven Wire Cloth

Impurities are removed during plastic injection molding with a woven wire cloth screen made to meet customer specifications.



Expanded Metal Screening

When covering the ventilation louvers on computer monitors, expanded metal screens protect inner components while also providing EMI/RFI-shielding.



ORION is a registered trademark of Orion Industries Incorporated.