

Filter/Strainer Assemblies

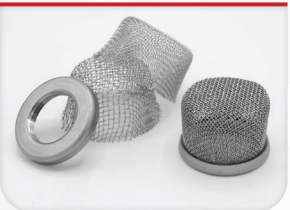
Industrial Machinery Application Bulletin



Gerard Daniel makes filter and strainer assemblies for a wide range of industrial and off-road vehicles.



Our products include in-line fuel, hydraulic oil and fluid filters and strainers; neck strainers and filters; and suction line and tank strainers for fuel and diesel lines.



Fluid strainers are used in oil and fuel lines to prevent large particles from reaching the moving parts of the engine.



We have complete in-house capabilities to meet all of your filter and strainer needs.

Industrial filter/strainer assemblies

Mesh filters and strainers are often used as “last chance filters” and in their basic form, they are intended to keep contaminants out of a process that could damage the internals. Our products include in-line fuel, hydraulic oil and fluid filters and strainers; neck strainers and filters; hydraulic tank breathers; and suction line and tank strainers, used in fuel and diesel lines, fuel injection systems and hydraulic systems in a wide range of industrial and off-road equipment.

Rolled into cylinders, or pressed into basket form, rigid mesh is self-supporting while finer mesh is affixed over a perforated sheet metal support structure. The mesh screen and perforated support are formed and welded into shape, then crimped, press-fit, welded, or over-molded to an endcap, flange, binding, or mounting rim as specified by the customer.

Materials and construction

Wire mesh in stainless steel, carbon steel, aluminum, copper, brass, plus polypropylene and fiberglass
40 to 100 mesh woven wire screen; custom mesh or material optional
Bindings made from stainless steel, cold rolled steel or aluminum
Sizes range from less than a milliliter to over 100 liters
Available in straight sleeve or pleated for increased surface area

Optimal production support for your product lines

We provide single-source manufacturing capabilities in-house to meet our customers’ design and production needs. We can either build-to-print or collaborate on engineered solutions to improve manufacturability and lower the cost of production.

- We not only manufacture finished assemblies; we are also a primary wire mesh supplier
- We maintain all secondary operations in-house to deliver complete assemblies on time, every time

On-demand product delivery

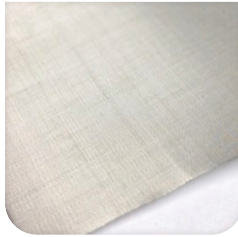
We manage blanket orders using our Continuous Replenishment Services (CRS) to ensure inventory is always available when needed on a just-in-time schedule.

Gerard Daniel provides single-source responsibility for your custom filtration projects

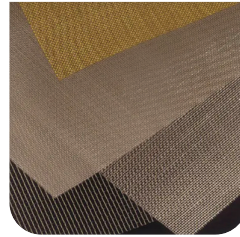
We're a primary filtration wire cloth manufacturer.



Crimped Wire Mesh

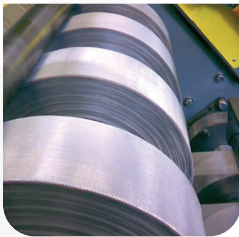


Micronic Mesh

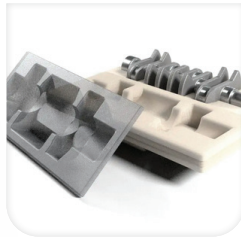


Square/Plain Weave

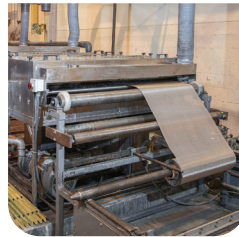
We have complete production capabilities for customization.



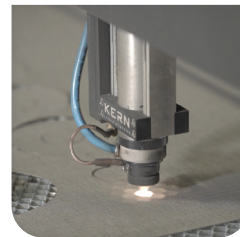
Slitting & Shearing



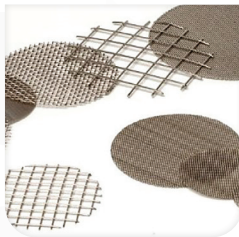
Forming



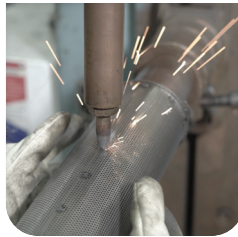
Coatings & Finishes



Laser Cutting



Stamping



Welding (TIG, MIG,
Resistance, Laser)



Pleating

Gerard Daniel eliminates supply chain headaches.

- Extensive Ready-To-Ship Product Inventory
- Customer Inventory Management
- Continuous Replenishment Services (CRS)
- Testing & Quality Control
- Airflow & Resistance Testing (Acoustics, RAYL Value)
- Custom Packaging Solutions

Contact a Gerard Daniel customer service associate to work with you on your next project.
