

Pressure Filter Leaves

Food & Beverage Application Bulletin



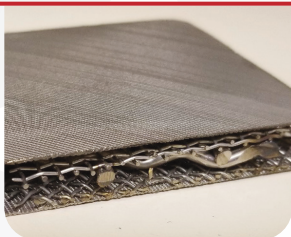
Gerard Daniel makes filter leaves for wineries, breweries and many other applications in the food and beverage market.



Our OEM-quality filter leaves meet the demands of food and beverage applications.



Available in rectangular, circular or custom shapes.



Gerard Daniel filter leaves provide high efficiency with a low pressure differential.

OEM-quality filter leaves from Gerard Daniel

As a leading manufacturer of pressure filter leaves, Gerard Daniel designs and makes filter leaves to work perfectly with your existing vessel. We can provide filter cloth and wire mesh made from a wide range of alloys. Our engineers are available to collaborate on your specific filtration projects, including center, top, and bottom discharge configurations to meet your specifications.

We're wire mesh experts for 70 years

Vertically integrated manufacturing; we even draw our own wire

Faster delivery due to deep supply chain resources, including custom weaving

Build to print or recommend improvements to reduce manufacturing cost

Lower cost than OEM for repair or replacement of your filter leaves

Filter leaf applications in food & beverage markets

- Beer & wine
- Cheese brine
- Cocoa butter
- Edible oils
- Gelatin and pectin
- Sugar & artificial sweeteners syrups

Any shape and size

Gerard Daniel can manufacture filter leaves with the following conditions:

- Rectangular, circular, or custom shapes
- 3-ply, 5-ply or 7-ply or custom layers
- Multiple heavy core media options
- Outer mesh layers in sizes from 60 - 110 μ m weave
- Custom mesh sizes woven to spec

Any material

Stainless Steel - 304L, 316L, 904L, Alloy 20
Duplex, Titanium, Monel Alloy 400
Other alloys available on request

OEM-quality construction

Gerard Daniel pressure leaf filters are suitable for all wet and dry applications. Our filter leaf construction is a repeatable process, assuring that your filters will perform consistently.

Filter leaves manufactured by Gerard Daniel include reinforced frames assembled with the specific mesh filter providing a high filtration efficiency with a low pressure differential. They are fastened together using a proprietary continuous seam welding process or riveted profile, depending on your application. Seam welding is best for certain food applications, such as cocoa butter and edible oils, due to its smooth, easy-to-clean surface.

We can also save you money by re-screening or recycling your used leaves, and by reusing the frames and replacing the mesh.

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

We're a primary filtration wire cloth manufacturer.



Crimped Wire Mesh

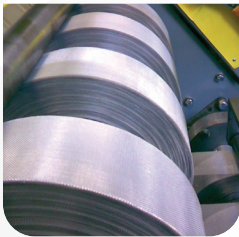


Micronic Mesh



Square/Plain Weave

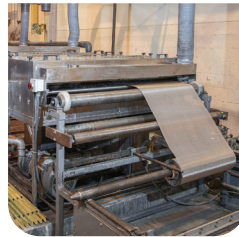
We have complete production capabilities for customization.



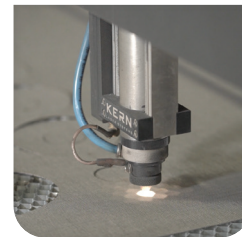
Slitting & Shearing



Cleaning



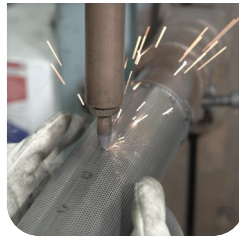
Coatings & Finishes



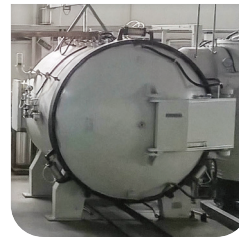
Laser Cutting



Calendaring



Welding (TIG, MIG,
Resistance, Laser)



Heat Treating

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.