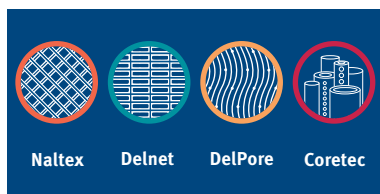


At DelStar Technologies, we are focused on advancing the filtration industry. Our diverse product lines are recognized worldwide for their superior performance in demanding applications. Our commitment to product development will provide tomorrow's solutions.



Nets, Nonwovens, & Cores for the Filtration Industry



Naltex® extruded netting, a bi-planar mesh with thermally bonded strand intersections, is the most widely utilized net in the filtration industry for feed spacers, pleat support, and cartridge sleeving. Specialized engineering-grade Naltex nets have unmatched performance in high-end aerospace and vehicle oil, hydraulic, and fuel filtration systems.

Delnet® apertured films are cast with uniform geometric patterns that, when oriented, open to create an extremely thin and smooth mesh. They support and separate delicate media while offering controlled porosity that enhances even, turbulent flow in tight pleat packs and improves filter efficiency. Delnet mesh provides a surface layer for medical facemasks and an outer dust release layer in air filtration applications.

DelPore® meltblown media, produced to achieve high efficiency and narrow mean pore distribution, was developed specifically for air and liquid filtration applications. Electrostatically charged air-grades are used in respirators, facemasks, cabin air filters and industrial and residential HVAC systems. Calendered and uncalendered liquid grades provide graded density structures to filter potable water, industrial process fluids, food and beverage products, pharmaceutical, and biological agents.

Coretec® cores and machined parts include a wide range of high-performance components, made from advanced engineering-grade resins and stainless steel. Our filtration products include center tubes for reverse-osmosis water filters, cores, pressure vessels, machined parts, adapters, and interconnectors.

Flexibility to Meet Varied Customer Needs

At DelStar Technologies, we are the technical leader in the filtration components industry because we can customize our products to exact specifications. Multiple manufacturing sites, diverse processing capabilities, and an informed technical staff contribute to our lasting success.

Virtually all of the filtration components manufactured at DelStar are developed with a specific end-product in mind. Every detail is considered to ensure we can meet a defined criteria. Once made, each product is tested and measured against its own individual standards.

As worldwide filtration regulations become more stringent, DelStar actively seeks ways to produce more cost-effective and environmentally-safe products. By combining our technologies, we are able to make unique composites that reduce the total number of required components and improve filtration results.

Our core competency is our extensive Research & Development department. Experienced chemical and process engineers work closely with our technical sales team to find solutions to the evolving industry demands. We continuously search for higher quality, more chemically stable resins, and implement improvements to our processing and conversion capabilities.



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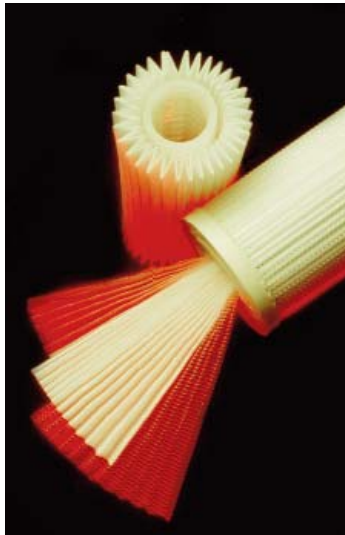
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Naltex netting is recognized for its advantages as a feed spacer in reverse-osmosis filters. The bi-planar mesh creates channels to consistently direct liquid flow.



Delnet Apertured Films support and separate delicate membranes in pleated filters. The thin and precise mesh allows uniform flow diffusion across the membrane.



Coretec precision machined filtration components are the most trusted in the filtration industry. Only DelStar can provide unmatched precision machining and drilling services utilizing our extensive collection of resins and metals.

Product Specifications

Naltex® Products

- Thickness Range:
0.006" - 0.200" (.15 mm - 5 mm)
- Width:
Up to 102" (259 cm)
- Hole Size:
200 microns - 2.5" (6 cm)
- Strand Density:
Up to 100 strands/inch (39/cm)

Delnet® Products

- Thickness Range:
0.002" - 0.012" (.05 mm - .3 mm)
- Width:
Up to 85" (216 cm)
- Hole Size:
100 - 1400 microns
- Basis Weights:
10 - 88 gsm

DelPore® Products

- Fiber Diameters:
0.5 - 10 microns
- Width:
Up to 90" (229 cm)
- Basis Weights:
4 - 400 gsm
- Air Permeability:
Up to 750 CFM

Coretec® Products

- Custom machining services
- High-performance metals and engineering-grade resins
- Core diameter range:
1/16" up to 12" OD
- Plastic machined tolerances:
+/- 0.001" (+/- 0.025mm)
- Metal machined tolerances:
+/- 0.0001" (+/- 0.003 mm)
- Burr-free hole size as fine as 1/16"
- Variety of shapes