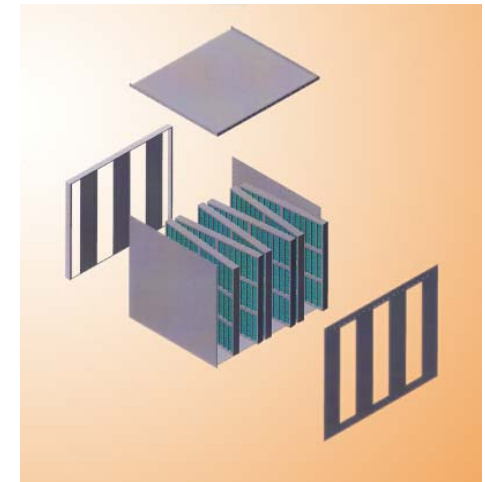
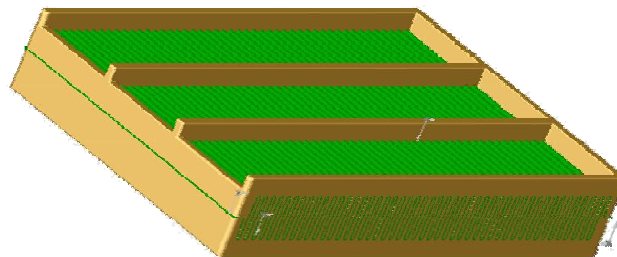
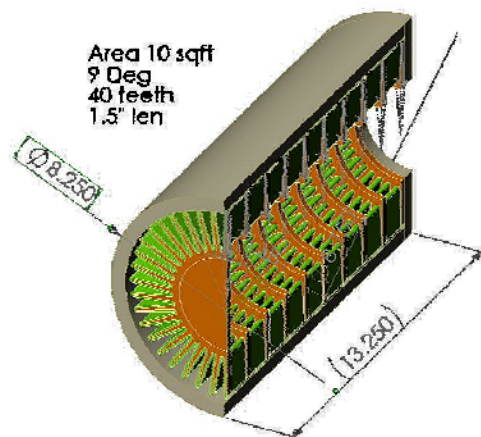


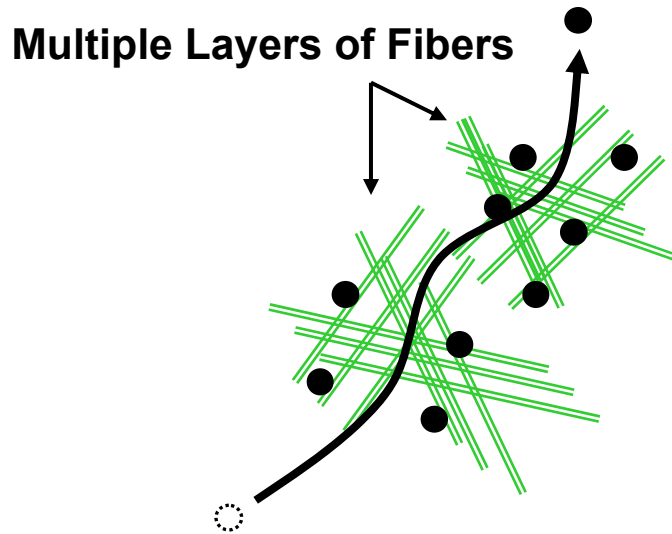
Versatile Diesel Particulate Filter Cartridge Any Size, Any Shape

Ceramic Bonded Ceramic Fiber Pleated DPF Cartridge

Richard Nixdorf
Industrial Ceramic Solutions, LLC
Poster P-21

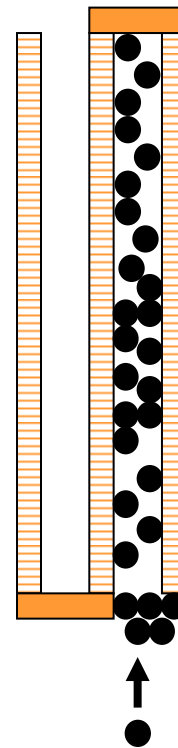


The Ceramic Fiber Diesel Particulate Filter vs. The Extruded Ceramic Wall-Flow Filter



- Pore Size 50 to 100 μm
- 85% Porosity
- Thickness = 0.070"
- Delta P = 0.5 KPa

ICS Ceramic Fiber Filter
95% Efficient



- Pore Size 25 μm
- 40% Porosity
- Thickness = 0.008"
- Delta P = 2 to 5 KPa

Honeycomb Wall-Flow
95% Efficient

25 cfm to 100,000 cfm Capacity