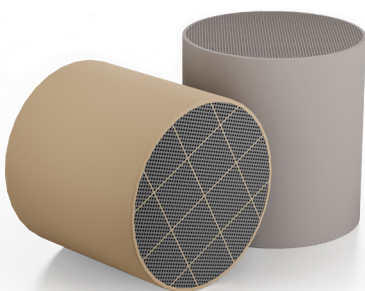


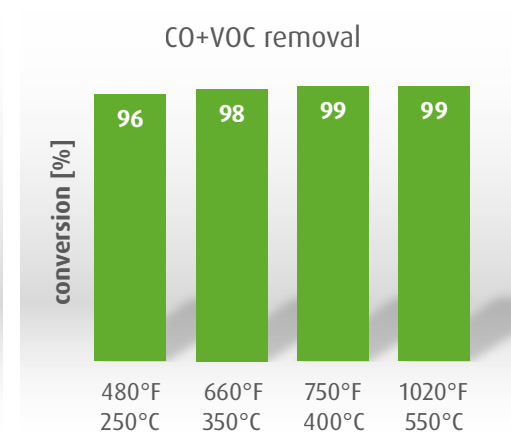
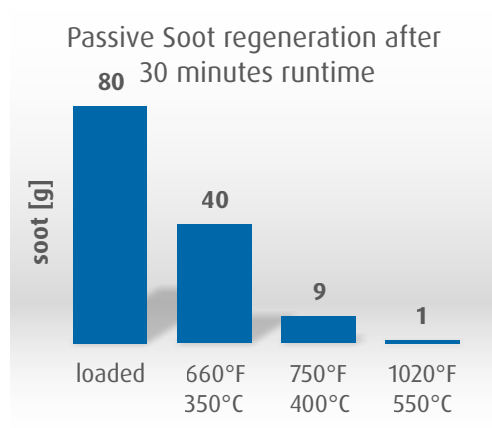
The optimal solution for soot and gaseous emissions control

Based on a proprietary and customizable coating technology, Umicore's Catalyzed Diesel Particulate Filters (cDPF) are the ideal emission control device for your emergency, standby, and backup power gensets as well as all types of propulsion diesel engines. Our filters provide a highly efficient reduction of soot and gaseous compounds with low-pressure drop and volume. Its durability and reliability have been proven in more than 1,000 installations worldwide. The cDPF can be supplied as a stand-alone solution or in combination with Umicore's state-of-the-art SCR catalyst as a complete exhaust gas after-treatment package.



Catalyzed Diesel Particulate Filter (cDPF) benefits:

- Highly efficient soot and particulate filtration (mass and number)
- Proprietary Pt/Pd coating for simultaneous CO, VOC and PAH oxidation
- Low pressure drop across the filter
- Superb passive soot regeneration at low temperatures
- High thermal resistance for active soot combustion up to 1,500 °F (800 °C)
- High ash capacity and applicability of ash cleaning procedures (rinsing, pneumatic, ultrasonic)
- Choose from round and square cross sections
- Raise efficiency of downstream located SCR
- Combined cDPF and SCR catalyst systems also available



Real engine measurement with a D12" x L10" cDPF

With over 40 years of experience in catalytic emission control, Umicore offers solutions for a wide range of applications and industries. We have more than 5,000 industrial references for catalytic oxidation, SCR, catalytic particulate filtration, ammonia oxidation and N₂O reduction catalyst, making Umicore the right partner for a cleaner and decarbonized world.

Visit us on the web and find your local contact person



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