

Ozone Destruction Catalyst

High Performance CARULITE 400[®] Catalyst

Customized Prototypes

In-House Performance Testing

Environex, Inc.
Independent Catalyst Experts



METAL

- Mechanical strength
- Up to 300°C
- 1-2 g/in³ loading
- 100-1000cps

CERAMIC

- High Conversion
- Up to 300°C
- 1-2 g/in³ loading
- 100-1000cps

FOAM

- Flexible
- Up to 150°C
- 1-2 g/in³ loading
- 60/80 ppi

Customized Prototypes

Ozone destruction catalysts can be made custom to your application using client-specified substrate materials, geometric orientations, washcoat loadings, binders, and additives.

Environex works with you throughout the R&D project to optimize catalyst cost and performance. Performance testing on lab-scale pieces is available in-house using our ozone destruction testing apparatus.

In-House Performance Testing

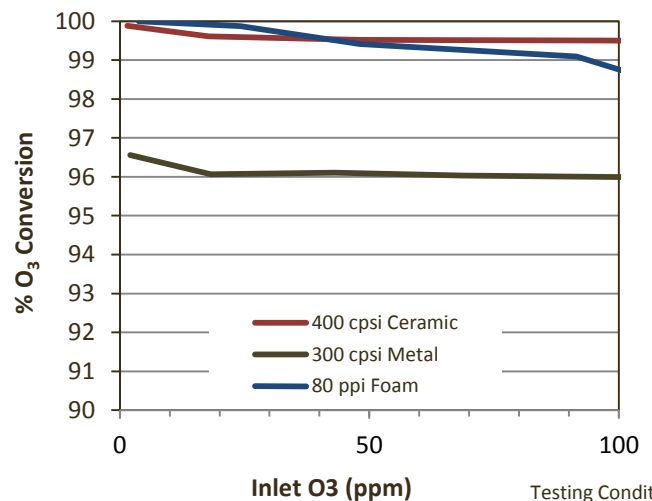
Ozone Destruction Testing

Environex can provide independent testing results for a client's catalyst and in comparison to competitors on a per sample basis. The ozone destruction testing rig is utilized during prototype development to optimize performance of catalysts.

Ozone destruction catalysts are subjected to inlet ozone concentrations from 0-200ppm. Outlet ozone concentration is measured using an ozone analyzer and % O₃ Conversion is calculated. Catalysts can be tested at varying space velocities and temperatures.

Adhesion testing is also available.

Over 95% conversion
for three standard orientations



Environex offers testing, engineering, consulting, research, and training services to companies and organizations related to air emissions control.

Contact us at admin@environex.com or 484-320-8608. More information is available at www.environex.com.