

## ADCAT<sup>™</sup> 3-WAY (NSCR) Catalyst for VOC, CO and NOx Reduction

EmeraChem<sup>™</sup> manufactures ADCAT<sup>™</sup> 3-way (Non-Selective Catalytic Reduction - NSCR), catalyst for reduction of NOx, CO and VOCs from rich burn IC engines. Our 3-Way (NSCR) catalyst consistently demonstrates maximum performance efficiency with the lowest life cycle cost. Dedicated customer support, rapid manufacturing and delivery, and best-in-class reliability and strength make ADCAT<sup>™</sup> 3-Way catalyst your long term exhaust compliance solution.



### Heavy-duty stainless steel catalyst element construction:

- 100% Diffusion-bonded, high temperature resilient nickel alloy substrate constructed for maximum durability and extreme mechanical strength
- Anti-telescoping cross-bars for maximum strength to withstand engine back firing
- Manufactured in custom sizes and cell densities (up to 600 cpsi) best suited for each engine
- Field proven manufacturing techniques resulting in the most dependable catalyst available today

### Discrete cell, maximum surface area substrate:

- Highest catalytic surface area (> 40% more than herringbone) yielding the lowest possible pressure loss
- Eliminates "blow out", sagging or nesting of catalyst substrates.

### Versatility and reliability:

- Broad operating temperature range (350<sup>o</sup> - 1200<sup>o</sup>F).

EmeraChem<sup>™</sup> is a leading provider of advanced catalytic technology for emissions reduction products. Our expert staff will assist you throughout all phases, from analysis to project completion. Whatever your application, we stand ready to help you meet your emission reduction needs, today and into the future.



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