Superior Strength and Longevity
Through Cutting-Edge Technology

At the heart of Johnson Matthey’s Catalyst elements is the cutting-edge technology that delivers exceptional strength and durability. We apply advanced engineering principles to each element design to ensure the ultimate in performance. For Johnson Matthey round elements, each layer of our catalyst element is securely bonded to each other by brazing. This creates unparalleled resistance to element sagging, distortion and unraveling due to engine operating conditions. Our square elements are exceptionally sturdy and strong due to the frame that surrounds the catalyst.

Exceptional Performance

Johnson Matthey’s advanced catalyst technology and proprietary composition ensure maximum catalyst performance. Our metal monoliths, which are thin-walled, stainless steel honeycomb supports, are nearly impervious to damage from mechanical or thermal shock and metallurgical erosion. The unique design and construction of Johnson Matthey catalysts reduces back pressure for fuel savings, reduces engine wear and extends catalyst life. Manufactured using durable and highly dispersed Platinum Group Metals (PGMs), our catalysts provide the highest catalytic activity and poison resistance available today.
Toxic Emissions Compliance

Johnson Matthey technology leads the way in meeting the most stringent emissions standards. Our technology is the best way for you to get into compliance and stay there, easily controlling NOx, CO, NMHCs, VOCs and HAPs such as Acetaldehyde, Formaldehyde, Acrolein and Methanol. Johnson Matthey catalysts destroy up to 99% of these pollutants by converting them into environmentally safe nitrogen, carbon dioxide and water.

Any Shape, Easy Installation

Johnson Matthey’s three-way and two-way catalysts offer the ultimate in flexibility. Whether new, retrofit or replacement of any existing type or size element, we have a catalyst to meet your needs. With a wide range of sizes and shapes in stock, you always get the best possible catalytic solution for your application. If you need a custom shape… that’s easy for us to provide also. Replacing a catalyst is easy because our catalyst fits into your existing housing. Just open the housing, remove the old element and install the new Johnson Matthey element.

Johnson Matthey Quality Service

Johnson Matthey is the worldwide leader in catalyst technology for mobile and stationary applications. We work closely with every customer to tailor our catalysts to the application and installation and to deliver complete catalyst systems guidance. Our extraordinary quality service includes:

- Simulated exhaust catalyst performance tests at our in-house lab
- On-site testing with portable equipment for both short and long-term evaluations
- Site start-up support
- Catalyst cleaning and maintenance
- Analytical testing and evaluation

Let us help you shape the future—today and tomorrow—with the most advanced technology in catalysts. Rely on the strength, leadership and experience that is Johnson Matthey.